

ThinkPad Tablets Convertibles

U.S.

Product Specifications Reference

Version 467, January 2015

ThinkPad®

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Summary of Changes

This section describes the technical changes made in this edition.

This edition might also include minor corrections and editorial changes which are not identified.

January 28, 2015 - Version 467

Additions in this update

▶ **New product(s)**

None

▶ **New model(s)**

ThinkPad Helix new models announced January 2015

▶ **Others**

None

Changes in this update

▶ None

Withdrawals in this update

▶ **Withdrawn product(s)**

None



Lenovo ThinkPad 10



Lenovo ThinkPad 10



Lenovo ThinkPad 10



Lenovo ThinkPad 10



Lenovo ThinkPad 10

ThinkPad 10 Platform Specifications

Product Specifications Reference (PSREF)

Positioning	<i>Touchscreen tablet with a full PC experience and superior versatility</i>									Light sensor	Ambient Light Sensor, InterSil ISL29023
Processor	Intel® Atom Processor									G-sensor/ eCompass	3D accelerometer and 3D magnetometer module, AKM AK8963C
	Processor Number	# of Cores	# of Threads	Clock Speed	Burst Frequency	Cache	Memory speed	Processor Graphics	Intel vPro Technology	Gyroscope	3-axis gyroscope
	Z3795	4	4	1.6 GHz	2.4 GHz	2MB	LP DDR3-1067	Intel HD Graphics	No	Audio support	Realtek® ALC5672 codec / stereo speakers, 0.5 watt x 2 / 3 digital microphones, combo audio/microphone jack
Memory	<i>Some:</i> 2GB / 1067MHz LPDDR3, mobile DDR / soldered to systemboard <i>Some:</i> 4GB / 1067MHz LPDDR3, mobile DDR / soldered to systemboard <i>All:</i> no sockets, dual-channel capable									Media capable	Audio formats: MP3, AAC, AAC+, eAAC+, WAV, PCM, WMA Video formats: MPEG-4, H.263, H.264, VC-1, WMV9, Xvid
Optical	None									WLAN ⁴	11a/b/g/n ²⁸ wireless, ThinkPad 11a/b/g/n, 2x2, WiFi + Bluetooth combo chip
Ultrabay	None									WWAN	<i>Optional:</i> Sierra Wireless EM7345, 4G LTE/HSPA/GSM/GPRS/EDGE, GPS
Storage	64GB or 128GB / eMMC (embedded Multi Media Card) flash memory on board									SIM card (<i>Micro</i>)	<i>Optional:</i> AT&T / Verizon / T-Mobile, contract required with service provider
Storage extension	One microSD Card slot, supports up to 64GB									GNSS	Global Navigation Satellite System
Graphics	Intel HD Graphics in processor, supports 1080p video out via micro-HDMI™ connector, HDCP-compliant									Bluetooth™	Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter
Display	10.1" (256.5mm) WUXGA (1920x1200) TFT color , anti-reflective display with Corning® Gorilla® Glass, LED backlight, 400 nits, 16:10 aspect ratio, 800:1 contrast ratio, IPS, WideView (170° viewing), MultiTouch screen supports ten-finger gesture									Ethernet	None
Tablet pen	ThinkPad 10 Digitizer Pen, supports hover, tip, and pressure modes / a button for selection / no batteries required (no Pen holder in Form Factor design)									NFC	<i>Optional:</i> Near Field Communication
Camera	<i>Front camera:</i> 2.0-megapixel, fixed focus <i>Rear camera:</i> 8.0-megapixel, auto focus, flash LED									Security	None
Video capture	1080p video capture									Security chip	<i>All:</i> Trusted Platform Module, TPM 2.0 FW (firmware) <i>Optional:</i> Trusted Platform Module, TCG 1.2-compliant
Control buttons	Windows button, Power button, volume control button, rotation lock switch, reset switch									vPro & iAMT	None
Keyboard	<i>Optional:</i> ThinkPad 10 Classic keyboard (Mechanical) or ThinkPad 10 Touch Case (Membrane)									Fingerprint reader	<i>Optional:</i> Fingerprint reader on the A Cover
Dimensions ³	10.09" x 6.96" x 0.35"; 256.5mm x 177.0mm x 8.95mm 10.09" x 6.96" x 0.67"; 256.5mm x 177.0mm x 16.95mm (with SCR)									Limited warranty ¹² 1-year - depot repair service/ service upgrades ²² available	
Weight ²	<i>WiFi only:</i> from 1.32 lb (0.598kg); <i>WiFi + WWAN:</i> from 1.34 lb (0.610kg); <i>WiFi + WWAN + SCR:</i> from 1.46 lb (0.660kg)									Preload	
Case color	Graphite Black									<i>Some:</i> Windows 8.1 Pro 32-bit or Windows 8.1 Pro 64-bit <i>Some:</i> Windows 8.1 32-bit or Windows 8.1 64-bit	
Case material	Aluminum frame									<ul style="list-style-type: none"> • Lenovo Solution Center • Lenovo Support • Lenovo Companion • ThinkVantage System Update • Hightail Cloud Storage • PC Device Stage • AccuWeather • Amazon Kindle • Nitro Pro • Evernote • Rara • Norton Studio • Microsoft® Office preloaded; purchase a product key to activate • Norton™ Internet Security (30 days of virus definitions) 	
Battery - type	Lithium Polymer, 33Whr									Environment	
Battery - life ¹⁰	up to 26 days (standby); up to 110 hr (MP3 playback); up to 10 hr (local video playback)									None	
AC adapter	36-watt AC adapter (Unique New Connector)										
Platform	Intel Atom Z3795 SoC (System on Chip) platform										
Smart Card Read	<i>Optional:</i> Smart Card reader (SCR)										
Multicard Reader	None										
Ports	One USB 2.0, one Micro-HDMI, headphone/microphone combo jack, one Living Hinge Docking connector, one Keyboard connector, one Micro SIM slot										

See footnotes for more detailed information

ThinkPad 10 20C1 (TopSeller)

Product Specifications Reference (PSREF)

Type-model	Processor	Memory	Widescreen display	Graphics	Camera Front/Rear (MP)	Storage	Digitizer & Pen	Keyboard	M.2 Card WLAN	M.2 Card WWAN	SIM card	Finger print reader	NFC	Smart Card Reader	Battery	TPM	Top Color	Smart Cover	Preload	Base Warranty (year)	Global	Ann Date (m/y)
20C10001US	Z3795	2GB	10.1" WUXGA	Intel HD	2.0/8.0	64G	Pen	None	11a/b/g/n	None	None	None	None	None	33Wh	TPM2.0	Black	None	Win8.1 32	1-Depot	No	05/14
20C1001DUS	Z3795	2GB	10.1" WUXGA	Intel HD	2.0/8.0	64G	Pen	None	11a/b/g/n	None	None	None	None	None	33Wh	TPM2.0	Black	None	Win8.1 Pro32	1-Depot	No	05/14
20C1002RUS	Z3795	4GB	10.1" WUXGA	Intel HD	2.0/8.0	128G	Pen	None	11a/b/g/n	None	None	None	None	None	33Wh	TPM2.0	Black	None	Win8.1 Pro64	1-Depot	No	05/14
20C1002SUS	Z3795	4GB	10.1" WUXGA	Intel HD	2.0/8.0	128G	Pen	None	11a/b/g/n	None	None	None	None	None	33Wh	TPM2.0	Black	None	Win8.1 64	1-Depot	No	06/14
20C1A00RUS	Z3795	4GB	10.1" WUXGA	Intel HD	2.0/8.0	128G	Pen	Classic	11a/b/g/n	None	None	None	None	None	33Wh	TPM2.0	Black	None	Win8.1 Pro64	1-Depot	No	07/14
20C1002TUS	Z3795	4GB	10.1" WUXGA	Intel HD	2.0/8.0	128G	Pen	None	11a/b/g/n	EM7345	None	Finger	NFC	None	33Wh	TPM2.0	Black	None	Win8.1 Pro64	1-Depot	No	08/14
20C1002UUS	Z3795	4GB	10.1" WUXGA	Intel HD	2.0/8.0	128G	Pen	Classic	11a/b/g/n	EM7345	None	Finger	NFC	None	33Wh	TPM2.0	Black	None	Win8.1 Pro64	1-Depot	No	08/14
20C1001AUS	Z3795	2GB	10.1" WUXGA	Intel HD	2.0/8.0	64G	Pen	Classic	11a/b/g/n	None	None	None	None	None	33Wh	TPM2.0	Black	None	Win8.1 Pro32	1-Depot	No	08/14
20C10032US	Z3795	2GB	10.1" WUXGA	Intel HD	2.0/8.0	64G	Pen	None	11a/b/g/n	EM7345	None	Finger	NFC	None	33Wh	TPM2.0	Black	None	Win8.1 Pro32	1-Depot	No	08/14

• For detailed platform specifications, please see [ThinkPad 10 Platform Specifications sheet](#)

Processor	Intel® Atom Processor Z3795 (4 cores, 2MB cache), Burst Frequency 2.4 GHz	Chipset	Intel Atom Z3795 SoC (System on Chip) platform
Memory	<i>Some:</i> 2GB / 1067MHz LPDDR3, mobile DDR / soldered to systemboard <i>Some:</i> 4GB / 1067MHz LPDDR3, mobile DDR / soldered to systemboard <i>All:</i> no sockets, dual-channel capable	Smart Card Read	<i>Optional:</i> Smart Card reader
Storage	64GB or 128GB / eMMC (embedded Multi Media Card) flash memory on board	Multicard Reader	None
Storage extension	One microSD Card slot, supports up to 64GB	Ports	One USB 2.0, one Micro-HDMI, headphone/microphone combo jack, one Living Hinge Docking connector, one Keyboard connector, one Micro SIM slot
Widescreen display	10.1" (256.5mm) WUXGA (1920x1200) TFT color , anti-reflective display with Corning® Gorilla® Glass, LED backlight, 400 nits, 16:10 aspect ratio, 800:1 contrast ratio, IPS, WideView (170° viewing), MultiTouch screen supports ten-finger gesture	Audio support	Realtek® ALC5672 codec / stereo speakers, 0.5 watt x 2 / 3 digital microphone, combo audio/microphone jack
Camera	<i>Front camera:</i> 2.0-megapixel, fixed focus <i>Rear camera:</i> 8.0-megapixel, auto focus, flash LED	WLAN ⁴	11a/b/g/n ²⁸ wireless, ThinkPad 11a/b/g/n, 2x2, WiFi + Bluetooth combo chip
Graphics	Intel HD Graphics in processor, supports 1080p video out via micro-HDMI™ connector, HDCP-compliant	WWAN	<i>Optional:</i> Sierra Wireless EM7345, 4G LTE/HSPA/GSM/GPRS/EDGE, GPS
Keyboard	<i>Optional:</i> ThinkPad 10 Classic keyboard or Touch Case	SIM card	<i>Optional:</i> AT&T / Verizon / T-Mobile, contract required with service provider
Dimensions ³	10.09" x 6.96" x 0.35"; 256.5mm x 177.0mm x 8.95mm 10.09" x 6.96" x 0.67"; 256.5mm x 177.0mm x 16.95mm (with SCR)	Bluetooth™	Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter
Weight ²	<i>WiFi only:</i> from 1.32 lb (0.598kg); <i>WiFi + WWAN:</i> from 1.34 lb (0.610kg); <i>WiFi + WWAN + SCR:</i> from 1.46 lb (0.660kg)	Ethernet	None
Case material	Aluminum frame,	NFC	<i>Optional:</i> Near Field Communication
Battery - type	Lithium Polymer, 33Whr	Security	None
Battery - life ¹⁰	up to 26 days (standby); up to 110 hr (MP3 playback); up to 10 hr (local video playback)	Security chip	<i>All:</i> Trusted Platform Module, TPM 2.0 FW (firmware) <i>Optional:</i> Trusted Platform Module, TCG 1.2-compliant
AC adapter	36-watt AC adapter	vPro & iAMT	None
		Fingerprint reader	<i>Optional:</i> Fingerprint reader on the A Cover
		Tablet pen	ThinkPad 10 Digitizer Pen
		Preload	<i>Win8 / 8.1 Pro:</i> Windows 8.1 Pro 32-bit or Windows 8.1 Pro 64-bit <i>Win8 / 8.1:</i> Windows 8.1 32-bit or Windows 8.1 64-bit
		Limited warranty ¹²	1-year - depot repair service / service upgrades ²² available

See footnotes for more detailed information

ThinkPad 10 20C3

Product Specifications Reference (PSREF)

Type-model	Processor	Memory	Widescreen display	Graphics	Camera Front/Rear (MP)	Storage	Digitizer & Pen	Key-board	M.2 Card WLAN	M.2 Card WWAN	SIM card	Finger print reader	NFC	Smart Card Reader	Battery	TPM	Top Color	Smart Cover	Preload	Base Warranty (year)	Global	Ann Date (m/y)
20C30007US	Z3795	2GB	10.1" WUXGA	Intel HD	2.0/8.0	64G	Pen	None	11a/b/g/n	None	None	None	None	None	33Wh	TPM2.0	Black	None	Win8.1 Pro32	1-Depot	G	05/14
20C3001UUS	Z3795	4GB	10.1" WUXGA	Intel HD	2.0/8.0	128G	Pen	None	11a/b/g/n	None	None	None	None	None	33Wh	TPM2.0	Black	None	Win8.1 Pro64	1-Depot	G	05/14
20C30024US	Z3795	4GB	10.1" WUXGA	Intel HD	2.0/8.0	128G	Pen	None	11a/b/g/n	EM7345	None	Finger	NFC	None	33Wh	TPM2.0	Black	None	Win8.1 Pro64	1-Depot	G	08/14
20C3002AUS	Z3795	2GB	10.1" WUXGA	Intel HD	2.0/8.0	64G	Pen	None	11a/b/g/n	EM7345	None	Finger	NFC	None	33Wh	TPM2.0	Black	None	Win8.1 Pro32	1-Depot	G	08/14

• For detailed platform specifications, please see [ThinkPad 10 Platform Specifications sheet](#)

Processor	Intel® Atom Processor Z3795 (4 cores, 2MB cache), Burst Frequency 2.4 GHz	Chipset	Intel Atom Z3795 SoC (System on Chip) platform
Memory	<i>Some:</i> 2GB / 1067MHz LPDDR3, mobile DDR / soldered to systemboard <i>Some:</i> 4GB / 1067MHz LPDDR3, mobile DDR / soldered to systemboard <i>All:</i> no sockets, dual-channel capable	Smart Card Read Multicard Reader Ports	<i>Optional:</i> Smart Card reader None One USB 2.0, one Micro-HDMI, headphone/microphone combo jack, one Living Hinge Docking connector, one Keyboard connector, one Micro SIM slot
Storage	64GB or 128GB / eMMC (embedded Multi Media Card) flash memory on board	Audio support	Realtek® ALC5672 codec / stereo speakers, 0.5 watt x 2 / 3 digital microphone, combo audio/microphone jack
Storage extension	One microSD Card slot, supports up to 64GB	WLAN ⁴	11a/b/g/n ²⁸ wireless, ThinkPad 11a/b/g/n, 2x2, WiFi + Bluetooth combo chip
Widescreen display	10.1" (256.5mm) WUXGA (1920x1200) TFT color , anti-reflective display with Corning® Gorilla® Glass, LED backlight, 400 nits, 16:10 aspect ratio, 800:1 contrast ratio, IPS, WideView (170° viewing), MultiTouch screen supports ten-finger gesture	WWAN	<i>Optional:</i> Sierra Wireless EM7345, 4G LTE/HSPA/GSM/GPRS/EDGE, GPS
Camera	<i>Front camera:</i> 2.0-megapixel, fixed focus <i>Rear camera:</i> 8.0-megapixel, auto focus, flash LED	SIM card	<i>Optional:</i> AT&T / Verizon / T-Mobile, contract required with service provider
Graphics	Intel HD Graphics in processor, supports 1080p video out via micro-HDMI™ connector, HDCP-compliant	Bluetooth™	Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter
Keyboard	<i>Optional:</i> ThinkPad 10 Classic keyboard or Touch Case	Ethernet	None
Dimensions ³	10.09" x 6.96" x 0.35"; 256.5mm x 177.0mm x 8.95mm 10.09" x 6.96" x 0.67"; 256.5mm x 177.0mm x 16.95mm (with SCR)	NFC	<i>Optional:</i> Near Field Communication
Weight ²	<i>WiFi only:</i> from 1.32 lb (0.598kg); <i>WiFi + WWAN:</i> from 1.34 lb (0.610kg); <i>WiFi + WWAN + SCR:</i> from 1.46 lb (0.660kg)	Security	None
Case material	Aluminum frame,	Security chip	<i>All:</i> Trusted Platform Module, TPM 2.0 FW (firmware) <i>Optional:</i> Trusted Platform Module, TCG 1.2-compliant
Battery - type	Lithium Polymer, 33Whr	vPro & iAMT	None
Battery - life ¹⁰	up to 26 days (standby); up to 110 hr (MP3 playback); up to 10 hr (local video playback)	Fingerprint reader	<i>Optional:</i> Fingerprint reader on the A Cover
AC adapter	36-watt AC adapter	Tablet pen	ThinkPad 10 Digitizer Pen
		Preload	<i>Win8 /8.1 Pro:</i> Windows 8.1 Pro 32-bit or Windows 8.1 Pro 64-bit <i>Win8 /8.1:</i> Windows 8.1 32-bit or Windows 8.1 64-bit
		Limited warranty ¹²	1-year - depot repair service / service upgrades ²² available

See footnotes for more detailed information



Lenovo® ThinkPad Tablet 2



Lenovo ThinkPad Tablet 2



Lenovo ThinkPad Tablet 2 with
ThinkPad Tablet 2 Digitizer Pen
0A33899



Lenovo ThinkPad Tablet 2 with
ThinkPad Tablet 2 Dock
0B47109



Lenovo ThinkPad Tablet 2 with
ThinkPad In-Ear Headphones with microphone
57Y4488



Lenovo ThinkPad Tablet 2 with
ThinkPad Tablet 2 Dock
0B47109



Lenovo® ThinkPad Tablet 2 with
ThinkPad Tablet 2 Bluetooth Keyboard with Stand
0B47270



Lenovo ThinkPad Tablet 2 with
ThinkPad Tablet 2 Fitted Sleeve
0A33902



Lenovo ThinkPad Tablet 2 with
ThinkPad Tablet 2 VGA Adapter
0B47084



Lenovo ThinkPad Tablet 2 with
ThinkPad Tablet 2 Fitted Sleeve
0A33902



Lenovo ThinkPad Tablet 2 with
ThinkPad Tablet 2 Bluetooth Keyboard with Stand
0B47270



ThinkPad Tablet 2 Dock
0B47109

ThinkPad Tablet 2 (3679) - TopSeller

Product Specifications Reference (PSREF)

Type-model	Processor	Memory	Widescreen display	Storage	Tablet Pen	Camera Front/Rear (MP)	Bluetooth Keyboard w/ Stand	WLAN 802.11	PCIe Mini Card WWAN	Carrier	NFC	Blue-tooth	Preload	Ann Date (mm/yy)
3679-23U	Atom Z2760	2GB	10.1" HD	64G	No	2.0/8.0	None	11a/b/g/n ²⁸	None	None	None	BT	Win8 32	10/12
3679-26U	Atom Z2760	2GB	10.1" HD	64G	Pen	2.0/8.0	None	11a/b/g/n	None	None	None	BT	Win8 32	10/12
3679-27U	Atom Z2760	2GB	10.1" HD	64G	Pen	2.0/8.0	None	11a/b/g/n	None	None	None	BT	Win8 Pro32	10/12
3679-28U	Atom Z2760	2GB	10.1" HD	64G	No	2.0/8.0	None	11a/b/g/n	None	None	None	BT	Win8 Pro32	10/12
3679-4JU	Atom Z2760	2GB	10.1" HD	64G	No	2.0/8.0	None	11a/b/g/n	Gobi 4000	AT&T	None	BT	Win8 Pro32	12/12
3679-22U	Atom Z2760	2GB	10.1" HD	32G	No	2.0/8.0	None	11a/b/g/n	None	None	None	BT	Win8 32	01/13
3679-5HU	Atom Z2760	2GB	10.1" HD	64G	Pen	2.0/8.0	None	11a/b/g/n	Gobi 4000	AT&T	NFC	BT	Win8 Pro32	03/13

• **Small and medium business (SMB) model(s), part of the US TopSeller™ Program**

Positioning	Touchscreen tablet for on-the-go business										Preloaded operating system²⁰			
Processor	Intel® Atom™ Processor Z2760 (2 cores, 1.80GHz, 1MB cache), LPDDR2 memory controller (800MHz), HT technology										- Some: Windows® 8 32-bit - Some: Windows 8 Pro 32-bit			
Memory	2GB / 800MHz LPDDR2, mobile DDR / soldered to systemboard, no sockets										Preloaded applications¹⁴ (only some listed)			
Storage	32GB or 64GB / eMMC (embedded Multi Media Card) flash memory on board										<ul style="list-style-type: none"> • Lenovo® Settings • Lenovo Support • Lenovo Companion • Lenovo QuickSnap • AT&T® All Access • Lenovo Cloud Storage by SugarSync • Password Manager • Norton™ Internet Security 2012 (30 days of virus definitions) • ThinkVantage System Update • AccuWeather • Evernote® • Nitro PDF • Skype™ • Amazon Kindle 			
Storage extension	One microSD Card slot, supports up to 32GB													
Graphics	PowerVR™ SGX545 graphics in Intel Atom SoC, supports 1080p video out via mini-HDMI™ connector, HDCP-compliant													
Display	10.1" (256.5mm) HD (1366x768) TFT color, anti-reflective display with infinity AGC Dragontrail™ Glass, LED backlight, 400 nits, 16:9 aspect ratio, 500:1 contrast ratio, IPS, WideView (170° viewing), MultiTouch screen supports five-finger gesture													
Tablet pen	Some: ThinkPad Tablet 2 Digitizer Pen (0A33899), supports hover, tip, and pressure modes / a button for selection / no batteries required *The models without Tablet Pen can not support pen input function via optional ThinkPad Tablet 2 Digitizer Pen (0A33899)													
Camera	Front camera: 2.0-megapixel, fixed focus Rear camera: 8.0-megapixel, auto focus, flash LED													
Video capture	720p video capture													
Audio support	Realtek® ALC5642 codec / stereo speakers, 0.5 watt x 2 / dual array digital microphone, combo audio/microphone jack													
Media capable	Audio formats: MP3, AAC, AAC+, eAAC+, WAV, PCM, WMA Video formats: MPEG-4, H.263, H.264, VC-1, WMV9, Xvid													
Control buttons	Windows button, Power button, volume control button, rotation lock switch, reset switch													
Bluetooth	Some: ThinkPad Tablet 2 Bluetooth Keyboard with Stand (0B47270), 6-row, TrackPoint® pointing device w/ three mouse buttons, landscape stand included, connects system via bluetooth, sealed battery with 30-day battery life, chargeable via micro-USB (one USB to micro-USB cable included)													
Keyboard with Stand														
Light sensor	Ambient Light Sensor, Capella CM3218													
G-sensor/ eCompass	3D accelerometer and 3D magnetometer module, STMicroelectronics LSM303DLHC													
Gyroscope	3-axis gyroscope, STMicroelectronics L3G4200D													
Platform	Intel Atom Z2760 SoC (System on Chip) platform													
Ports	One USB 2.0, one micro-USB 2.0 (only for power supply / charging), one mini-HDMI, headphone/microphone combo jack, one ThinkPad Tablet 2 Dock connector													
WLAN ⁴	11a/b/g/n ²⁸ wireless, ThinkPad 11a/b/g/n, 1x1, WiFi + Bluetooth combo chip													
WWAN	Some: Wireless WAN, Qualcomm® Gobi™ 4000 chipset, LTE (4G), WCDMA/HSPA/HSPA+													
Carrier	Some: AT&T® LTE (4G), contract required with service provider													
GNSS	Global Navigation Satellite System													
Bluetooth™	Bluetooth 4.0 wireless, integrated in WiFi + Bluetooth combo chip													
NFC	Some: Near Field Communication, easy for two devices to communicate with each other													
Dimensions ³	10.34" x 6.48" x 0.39"; 262.6mm x 164.6mm x 9.8mm													
Weight ²	WiFi only: from 1.26 lb (0.57kg); WiFi + Digitizer Pen: from 1.30 lb (0.59kg); WiFi + Digitizer Pen + WWAN: from 1.35 lb (0.61kg)													
Case color	Black													
Case material	Magnesium frame, PolyCarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) cover													
Battery - type	Lithium Polymer, 30Whr													
Battery - life ¹⁰	up to 25 days (standby); up to 150 hr (MP3 playback); up to 10 hr (web browsing with flash); up to 10 hr (local video playback)													
Limited Warranty ¹²	1-year - depot repair service / service upgrades ²² available													
											10-watt AC adapter (via micro-USB) GREENGUARD® certified RoHS-compliant International Warranty Service ¹⁷ 24 hour x 7 day ¹⁸ toll-free support during the warranty period ¹²			
											For compatible accessories, please go to O-Tablet-2 sheet; For Lenovo service ²² upgrade options, please go to S-Tablet sheet			

See footnotes for more detailed information
US model(s) announced October 23 or December 18, 2012, or January 15 or March 5, 2013

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ThinkPad Tablet 2 (3679) - TopSeller - II

Product Specifications Reference (PSREF)

Type-model	Processor	Memory	Widescreen display	Storage	Tablet Pen	Camera Front/Rear (MP)	Bluetooth Keyboard w/ Stand	WLAN 802.11	PCIe Mini Card WWAN	Carrier	NFC	Blue-tooth	Preload	Ann Date (mm/yy)
3679-5YU	Atom Z2760	2GB	10.1" HD	64G	No	2.0/8.0	None	11a/b/g/n ²⁸	None	None	None	BT	Win8 32	04/13
3679-5XU	Atom Z2760	2GB	10.1" HD	64G	Pen	2.0/8.0	None	11a/b/g/n	Gobi 4000	AT&T	NFC	BT	Win8 32	04/13
3679-5VU	Atom Z2760	2GB	10.1" HD	64G	No	2.0/8.0	None	11a/b/g/n	Gobi 4000	AT&T	NFC	BT	Win8 32	04/13
3679-5QU	Atom Z2760	2GB	10.1" HD	64G	No	2.0/8.0	None	11a/b/g/n	None	None	NFC	BT	Win8 32	04/13
3679-5PU	Atom Z2760	2GB	10.1" HD	64G	Pen	2.0/8.0	None	11a/b/g/n	None	None	NFC	BT	Win8 32	04/13
3679-5MU	Atom Z2760	2GB	10.1" HD	64G	Pen	2.0/8.0	None	11a/b/g/n	None	None	None	BT	Win8 32	04/13

• **Small and medium business (SMB) model(s), part of the US TopSeller™ Program**

Positioning	<i>Touchscreen tablet for on-the-go business</i>										Preloaded operating system²⁰ - Windows® 8 32-bit			
Processor	Intel® Atom™ Processor Z2760 (2 cores, 1.80GHz, 1MB cache), LPDDR2 memory controller (800MHz), HT technology										Preloaded applications¹⁴ (only some listed)			
Memory	2GB / 800MHz LPDDR2, mobile DDR / soldered to systemboard, no sockets										<ul style="list-style-type: none"> • Microsoft Office Home and Student (included in Windows 8) • Lenovo® Settings • Lenovo Support • Lenovo Companion • Lenovo QuickSnap • AT&T® All Access • Lenovo Cloud Storage by SugarSync • Password Manager • Norton™ Internet Security 2012 (30 days of virus definitions) • ThinkVantage System Update • AccuWeather • Evernote® • Nitro PDF • Skype™ • Amazon Kindle 			
Storage	32GB or 64GB / eMMC (embedded Multi Media Card) flash memory on board													
Storage extension	One microSD Card slot, supports up to 32GB													
Graphics	PowerVR™ SGX545 graphics in Intel Atom SoC, supports 1080p video out via mini-HDMI™ connector, HDCP-compliant													
Display	10.1" (256.5mm) HD (1366x768) TFT color, anti-reflective display with infinity AGC Dragontrail™ Glass, LED backlight, 400 nits, 16:9 aspect ratio, 500:1 contrast ratio, IPS, WideView (170° viewing), MultiTouch screen supports five-finger gesture													
Tablet pen	<i>Some:</i> ThinkPad Tablet 2 Digitizer Pen (0A33899), supports hover, tip, and pressure modes / a button for selection / no batteries required *The models without Tablet Pen can not support pen input function via optional ThinkPad Tablet 2 Digitizer Pen (0A33899)													
Camera	<i>Front camera:</i> 2.0-megapixel, fixed focus <i>Rear camera:</i> 8.0-megapixel, auto focus, flash LED													
Video capture	720p video capture													
Audio support	Realtek® ALC5642 codec / stereo speakers, 0.5 watt x 2 / dual array digital microphone, combo audio/microphone jack													
Media capable	Audio formats: MP3, AAC, AAC+, eAAC+, WAV, PCM, WMA Video formats: MPEG-4, H.263, H.264, VC-1, WMV9, Xvid													
Control buttons	Windows button, Power button, volume control button, rotation lock switch, reset switch													
Bluetooth	<i>Some:</i> ThinkPad Tablet 2 Bluetooth Keyboard with Stand (0B47270), 6-row, TrackPoint® pointing device w/ three mouse buttons, landscape stand included, connects system via bluetooth, sealed battery with 30-day battery life, chargeable via micro-USB (one USB to micro-USB cable included)													
Keyboard with Stand														
Light sensor	Ambient Light Sensor, Capella CM3218													
G-sensor/ eCompass	3D accelerometer and 3D magnetometer module, STMicroelectronics LSM303DLHC													
Gyroscope	3-axis gyroscope, STMicroelectronics L3G4200D													
Platform	Intel Atom Z2760 SoC (System on Chip) platform													
Ports	One USB 2.0, one micro-USB 2.0 (only for power supply / charging), one mini-HDMI, headphone/microphone combo jack, one ThinkPad Tablet 2 Dock connector													
WLAN ⁴	11a/b/g/n ²⁸ wireless, ThinkPad 11a/b/g/n, 1x1, WiFi + Bluetooth combo chip													
WWAN	<i>Some:</i> Wireless WAN, Qualcomm® Gobi™ 4000 chipset, LTE (4G), WCDMA/HSPA/HSPA+													
Carrier	<i>Some:</i> AT&T® LTE (4G), contract required with service provider													
GNSS	Global Navigation Satellite System													
Bluetooth™	Bluetooth 4.0 wireless, integrated in WiFi + Bluetooth combo chip													
NFC	<i>Some:</i> Near Field Communication, easy for two devices to communicate with each other													
Dimensions ³	10.34" x 6.48" x 0.39"; 262.6mm x 164.6mm x 9.8mm										10-watt AC adapter (via micro-USB) GREENGUARD® certified RoHS-compliant International Warranty Service ¹⁷ 24 hour x 7 day ¹⁸ toll-free support during the warranty period ¹²			
Weight ²	<i>WiFi only:</i> from 1.26 lb (0.57kg); <i>WiFi + Digitizer Pen:</i> from 1.30 lb (0.59kg); <i>WiFi + Digitizer Pen + WWAN:</i> from 1.35 lb (0.61kg)													
Case color	Black													
Case material	Magnesium frame, PolyCarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) cover													
Battery - type	Lithium Polymer, 30Whr										For compatible accessories, please go to O-Tablet-2 sheet; For Lenovo service ²² upgrade options, please go to S-Tablet sheet			
Battery - life ¹⁰	up to 25 days (standby); up to 150 hr (MP3 playback); up to 10 hr (web browsing with flash); up to 10 hr (local video playback)													
Limited Warranty ¹²	1-year - depot repair service / service upgrades ²² available													

See footnotes for more detailed information
US model(s) announced April 30, 2013

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(CLT1-3) June 2013

ThinkPad Tablet 2 (3682)

Product Specifications Reference (PSREF)

Type-model	Processor	Memory	Widescreen display	Storage	Tablet Pen	Camera Front/Rear (MP)	Bluetooth Keyboard w/ Stand	WLAN 802.11	PCIe Mini Card WWAN	Carrier	NFC	Blue-tooth	Global (G) GMP (P)	Preload	Ann Date (mm/yy)
3682-28U	Atom Z2760	2GB	10.1" HD	64G	Pen	2.0/8.0	None	11a/b/g/n ²⁸	None	None	None	BT	G	Win8 Pro32	10/12
3682-29U	Atom Z2760	2GB	10.1" HD	64G	Pen	2.0/8.0	None	11a/b/g/n	None	None	NFC	BT	G	Win8 Pro32	10/12
3682-22U	Atom Z2760	2GB	10.1" HD	64G	Pen	2.0/8.0	None	11a/b/g/n	Gobi 4000	AT&T	NFC	BT		Win8 Pro32	12/12
3682-2AU	Atom Z2760	2GB	10.1" HD	64G	Pen	2.0/8.0	None	11a/b/g/n	Gobi 4000	AT&T	NFC	BT		Win8 Pro32	12/12

Positioning	<i>Touchscreen tablet for on-the-go business</i>											Preloaded operating system²⁰	
Processor	Intel® Atom™ Processor Z2760 (2 cores, 1.80GHz, 1MB cache), LPDDR2 memory controller (800MHz), HT technology											- Windows® 8 Pro 32-bit	
Memory	2GB / 800MHz LPDDR2, mobile DDR / soldered to systemboard, no sockets											Preloaded applications¹⁴ (only some listed)	
Storage	32GB or 64GB / eMMC (embedded Multi Media Card) flash memory on board											<ul style="list-style-type: none"> • Lenovo® Settings • Lenovo Support • Lenovo Companion • Lenovo QuickSnip • AT&T® All Access • Lenovo Cloud Storage by SugarSync • Password Manager • Norton™ Internet Security 2012 (30 days of virus definitions) • ThinkVantage System Update • AccuWeather • Evernote® • Nitro PDF • Skype™ • Amazon Kindle 	
Storage extension	One microSD Card slot, supports up to 32GB												
Graphics	PowerVR™ SGX545 graphics in Intel Atom SoC, supports 1080p video out via mini-HDMI™ connector, HDCP-compliant												
Display	10.1" (256.5mm) HD (1366x768) TFT color, anti-reflective display with infinity AGC Dragontrail™ Glass, LED backlight, 400 nits, 16:9 aspect ratio, 500:1 contrast ratio, IPS, WideView (170° viewing), MultiTouch screen supports five-finger gesture												
Tablet pen	ThinkPad Tablet 2 Digitizer Pen (0A33899), supports hover, tip, and pressure modes / a button for selection / no batteries required *The models without Tablet Pen can not support pen input function via optional ThinkPad Tablet 2 Digitizer Pen (0A33899)												
Camera	<i>Front camera:</i> 2.0-megapixel, fixed focus <i>Rear camera:</i> 8.0-megapixel, auto focus, flash LED												
Video capture	720p video capture												
Audio support	Realtek® ALC5642 codec / stereo speakers, 0.5 watt x 2 / dual array digital microphone, combo audio/microphone jack												
Media capable	Audio formats: MP3, AAC, AAC+, eAAC+, WAV, PCM, WMA Video formats: MPEG-4, H.263, H.264, VC-1, WMV9, Xvid												
Control buttons	Windows button, Power button, volume control button, rotation lock switch, reset switch												
Bluetooth	<i>Some:</i> ThinkPad Tablet 2 Bluetooth Keyboard with Stand (0B47270),												
Keyboard with Stand	6-row, TrackPoint® pointing device w/ three mouse buttons, landscape stand included, connects system via bluetooth, sealed battery with 30-day battery life, chargeable via micro-USB (one USB to micro-USB cable included)												
Light sensor	Ambient Light Sensor, Capella CM3218												
G-sensor/ eCompass	3D accelerometer and 3D magnetometer module, STMicroelectronics LSM303DLHC												
Gyroscope	3-axis gyroscope, STMicroelectronics L3G4200D												
Platform	Intel Atom Z2760 SoC (System on Chip) platform												
Ports	One USB 2.0, one micro-USB 2.0 (only for power supply / charging), one mini-HDMI, headphone/microphone combo jack, one ThinkPad Tablet 2 Dock connector												
WLAN ⁴	11a/b/g/n ²⁸ wireless, ThinkPad 11a/b/g/n, 1x1, WiFi + Bluetooth combo chip												
WWAN	<i>Some:</i> Wireless WAN, Qualcomm® Gobi™ 4000 chipset, LTE (4G), WCDMA/HSPA/HSPA+												
Carrier	<i>Some:</i> AT&T® LTE (4G), contract required with service provider												
GNSS	Global Navigation Satellite System												
Bluetooth™	Bluetooth 4.0 wireless, integrated in WiFi + Bluetooth combo chip												
NFC	<i>Some:</i> Near Field Communication, easy for two devices to communicate with each other												
Dimensions ³	10.34" x 6.48" x 0.39"; 262.6mm x 164.6mm x 9.8mm											10-watt AC adapter (via micro-USB) GREENGUARD® certified RoHS-compliant International Warranty Service ¹⁷ 24 hour x 7 day ¹⁸ toll-free support during the warranty period ¹²	
Weight ²	<i>WiFi only:</i> from 1.26 lb (0.57kg); <i>WiFi + Digitizer Pen:</i> from 1.30 lb (0.59kg); <i>WiFi + Digitizer Pen + WWAN:</i> from 1.35 lb (0.61kg)												
Case color	Black												
Case material	Magnesium frame, PolyCarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) cover												
Battery - type	Lithium Polymer, 30Whr											For compatible accessories, please go to O-Tablet-2 sheet; For Lenovo service ²² upgrade options, please go to S-Tablet sheet	
Battery - life ¹⁰	up to 25 days (standby); up to 150 hr (MP3 playback); up to 10 hr (web browsing with flash); up to 10 hr (local video playback)												
Limited Warranty ¹² 1-year - depot repair service / service upgrades ²² available													

See footnotes for more detailed information
US model(s) announced October 23 or December 18, 2012
US model(s) withdrawn effective February 2013

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(CLT1-2) June 2013

ThinkPad Tablet Expansion

ThinkPad Tablet 2 Dock 0B47109 *ann 10/23/12*

Keyboard

ThinkPad Tablet 2 Bluetooth Keyboard with Stand 0B47270 *ann 10/23/12*

Multimedia

ThinkPad In-Ear Headphones with microphone 57Y4488 *ann 01/07/10*

Tablet

ThinkPad Tablet 2 Digitizer Pen 0A33899 *ann 10/23/12*

⁷³ The ThinkPad Tablet 2 models without Tablet Pen can not support pen input function via *ThinkPad Tablet 2 Digitizer Pen (0A33899)*

Security

3M ThinkPad Tablet 2 Privacy Filter (landscape) 0C33167 *ann 10/23/12*

3M ThinkPad Tablet 2 Privacy Filter (portrait) 0C33168 *ann 10/23/12*

3M ThinkPad Tablet 2 Privacy Filter (4-way) 0C33170 *ann 10/23/12*

3M ThinkPad Tablet 2 Anti-glare Matte Removable Film 0C33169 *ann 10/23/12*

Power Adapters

ThinkPad Tablet 2 AC Charger 0B47010 *ann 10/23/12*

ThinkPad Tablet DC Charger 0A36247 *ann 08/16/11*

ThinkPad 65W AC Adapter⁶⁶ 40Y7696 *ann 01/05/06*

⁶⁶ Attachment via the *ThinkPad Tablet 2 Dock 0B47109*

More info at www.lenovo.com/support/poweradapters

Carrying Cases

ThinkPad Tablet 2 Fitted Sleeve⁷¹ 0A33902 *ann 10/23/12*

⁷¹ *ThinkPad Tablet 2 Fitted Sleeve* perfectly fits the *ThinkPad Tablet 2* and *ThinkPad Tablet 2 Bluetooth Keyboard with Stand 0B47270*

ThinkPad 11W Sling Case 57Y4287 *ann 08/16/11*

ThinkPad Tablet 2 Slim Case - Black 0A33907 *ann 10/23/12*

ThinkPad Tablet 2 Slim Case - Red 0A33905 *ann 10/23/12*

More information at www.lenovo.com/support/cases

Lenovo luxury cases at www.lenovoluxurycases.com

Monitor Accessories⁴⁶

ThinkPad Tablet 2 VGA Adapter 0B47084 *ann 10/23/12*

⁴⁶ Compatible on selected Lenovo and ThinkVision monitors.

More information at www.lenovo.com/support/monitoraccessories

For more information on accessories:

www.lenovo.com/accessories

Purchase Lenovo accessories

www.lenovo.com/support/accessories

Product specifications on Lenovo Support

www.lenovo.com/accessoriesguide

Option Compatibility Matrix (OCM) and accessory brochures

www.lenovoquickpick.com

An Options Compatibility Configurator for Lenovo systems



Lenovo® ThinkPad Helix



Lenovo ThinkPad Helix



Lenovo ThinkPad Helix



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Lenovo ThinkPad Helix

ThinkPad Helix Platform Specifications

Product Specifications Reference (PSREF)

Positioning	Convertible with many modes - Tent, Notebook, Stand, Desktop, and Tablet								Case color	Graphite black								
Processor	5th Generation Intel® Core™ M or Core M vPro™ Processor								Case material	PC/ABS (Acrylonitrile-Butadiene-Styrene), and Aluminum								
	Processor Number	# of Cores	# of Threads	Clock Speed	Max Turbo Frequency	Cache	Memory speed	Processor Graphics	Intel vPro Technology	Multicard reader	Support micro SD (2G max), micro SDHC (32G max), micro SDXC (64G max)							
	5Y10	2	4	0.8 GHz	2.0 GHz	4MB	LPDDR3-1600	Intel HD graphics 5300	No	Tablet ports	One USB 3.0 (one Always On), micro HDMI, micro SD, Micro SIM, Dock connector							
	5Y70			1.1 GHz	2.6 GHz				Yes									
	5Y10C			0.8 GHz	2.0 GHz				No									
5Y71	1.2 GHz			2.9 GHz	Yes													
Graphics	Intel HD Graphics 5300 in processor, external digital monitor support via micro HDMI, dual independent display; Max external resolution: 1920x1080 (micro HDMI)@60Hz								Camera	<i>Front camera:</i> 2.0-megapixel, 1080p resolution, fixed focus <i>Rear camera:</i> 5.0-megapixel, 1080p resolution, auto focus								
Chipset	Intel Core M & Intel Core M vPro								Audio support	HD Audio, Realtek® ALC286-VC codec, stereo speakers, 0.7W x 2 / three microphones, combo audio/mic jack								
Memory	8GB max / PC3-12800 1600MHz LPDDR3, soldered to systemboard, no sockets								Control buttons	Windows button, Power button, volume button, rotation lock switch, reset switch								
Display	11.6" (295mm) FHD (1920x1080) TFT color, VibrantView (glossy) display with infinity Corning® Gorilla® Glass, LED backlight, 370 nits, 16:9 aspect ratio, 800:1 contrast ratio, IPS, WideView (170° viewing), MultiTouch screen supports ten-finger gesture, One Glass Solution								Keyboard (optional)	<i>Pro:</i> Ultrabook Pro Keyboard, (Battery keyboard)6-row, TrackPoint® pointing device, MultiTouch with 3+2 buttons click pad, security keyhole, one USB 3.0, one Mini DisplayPort, integrated 4-cell battery (Li-Polymer, 26Wh), 36-watt AC adapter can charge both the Tablet battery and Keyboard battery, pen holder, backlight <i>Non-pro:</i> Ultrabook Keyboard, (Mechanical keyboard) 6-row, touchpad w/ 2 integrated buttons, one USB 2.0, pen holder								
Digitizer Pen	Wacom® digitizer pen, supports hover, tip, and pressure modes / a button for selection / no batteries required								Security	Power-on password, hard disk password, supervisor password, security keyhole								
Storage	M.2 2280 SSD, 128GB or 256GB, 256GB SSD supports OPAL								Security chip vPro	<i>Optional:</i> Trusted Platform Module, TCG 1.2-compliant <i>Optional:</i> Intel vPro Technology								
Optical	None								Fingerprint reader	Fingerprint reader								
Ethernet WLAN	None								NFC	<i>Optional:</i> Near Field Communication								
Bluetooth™	Intel Dual Band Wireless-AC 7265, 2x2, Wi-Fi + BT combo adapter, M.2 Card								Smart Cover	<i>Optional:</i> Quickshot cover								
WWAN	<i>Optional:</i> Sierra Wireless EM7345, 4G LTE/HSPA/GSM/GPRS/EDGE, GPS, M.2 Card								Tablet battery	Integrated Li-Polymer 2-cell (35Wh)								
Micro SIM card (optional)	<i>One of the following, configurable by model:</i> <ul style="list-style-type: none"> • AT&T® or Verizon® LTE (4G), contract required with service provider • User selectable, contract required with service provider 								Keyboard battery	Li-Polymer 4-cell (26Wh)								
Smart Card Read	<i>Optional:</i> Smart Card reader								Battery - life	<table border="1"> <thead> <tr> <th>Battery configuration</th> <th>2-cell</th> <th>2-cell + 4-cell</th> </tr> </thead> <tbody> <tr> <td>Battery life</td> <td>8 hr</td> <td>12 hr</td> </tr> </tbody> </table>			Battery configuration	2-cell	2-cell + 4-cell	Battery life	8 hr	12 hr
Battery configuration	2-cell	2-cell + 4-cell																
Battery life	8 hr	12 hr																
Monitor Cable	<i>Optional:</i> Micro-HDMI to VGA monitor cable								AC adapter	36-watt AC adapter								
Light sensor	Ambient Light Sensor								Preload	<i>Some:</i> Windows 8.1 64-bit <i>Some:</i> Windows 8.1 Pro 64-bit								
G-sensor/eCompass	3D accelerometer and 3D magnetometer									<ul style="list-style-type: none"> • Lenovo Support • Lenovo Companion • ThinkVantage System Update • Lenovo Reach • Hightail - Metro • Amazon Kindle • Nitro Pro • Evernote • Skype • Rara Streaming • Norton Studio • Microsoft Office preloaded; purchase a product key to activate • Norton Internet Security (30 days of virus definitions) 								
Gyroscope	3D gyrometer																	
Dimensions	11.6W" WLAN/WWAN: 11.9" x 7.58" x 0.38" (301.1mm x 192.5mm x 9.6mm) 11.6W" SmartCard reader: 11.9" x 7.58" x 0.76" (301.1mm x 192.5mm x 19.4mm)								Limited warranty	<i>One of the following, configurable by model:</i> <ul style="list-style-type: none"> • 1-year - depot repair service / service upgrades available • 3-year - depot repair service / service upgrades available 								
Tablet Weight	WiFi/Touch	WiFi/Digitizer	WWAN/Touch	WWAN/Digitizer	SmartCard				Environment	EPEAT™ Gold; ENERGY STAR® 6.1; GREENGUARD®; RoHS-compliant								
	795g	822g	795g	822g	855g													
	1.75 lb	1.81 lb	1.75 lb	1.81 lb	1.88 lb													
Keyboard weight	<i>Ultrabook Pro Keyboard:</i> 900g/1.98 lb <i>Ultrabook Keyboard:</i> 560g/1.23 lb																	

See footnotes for more detailed information

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(DK1-Spec) January 2015

ThinkPad Helix 20CG (TopSeller)

Product Specifications Reference (PSREF)

Model	Processor	vPro	Memory	Display	Digi- tizer Pen	Graphics	Storage	WLAN & Bluetooth	WWAN	SIM card	Smart card reader	Top Color	Camera Front/ Rear (MP)	Keyboard	Finger print reader	battery cells NFC (int+ext)	Preload	Base Warranty (year)	Global	Ann Date (m/y)	
20CG000QUS	5Y70	vPro	8GB	11.6" FHD	Pen	HD 5300	256G OPAL	7265 ac+BT	None	None	None	Black	2.0/5.0	Non-pro	Finger	None	2+0	Win8.1 P64	3-Depot	No	11/14
20CG000LUS	5Y10	None	4GB	11.6" FHD	Pen	HD 5300	128G SSD	7265 ac+BT	None	None	None	Black	2.0/5.0	Non-pro	Finger	None	2+0	Win8.1 P64	3-Depot	No	11/14
20CG000NUS	5Y70	vPro	4GB	11.6" FHD	Pen	HD 5300	128G SSD	7265 ac+BT	None	None	None	Black	2.0/5.0	Non-pro	Finger	None	2+0	Win8.1 P64	3-Depot	No	11/14
20CG000MUS	5Y10	None	4GB	11.6" FHD	Pen	HD 5300	256G OPAL	7265 ac+BT	None	None	None	Black	2.0/5.0	Non-pro	Finger	None	2+0	Win8.1 P64	3-Depot	No	11/14
20CG000PUS	5Y70	vPro	4GB	11.6" FHD	Pen	HD 5300	256G OPAL	7265 ac+BT	None	None	None	Black	2.0/5.0	Non-pro	Finger	None	2+0	Win8.1 P64	3-Depot	No	11/14
20CG000KUS	5Y10	None	4GB	11.6" FHD	Pen	HD 5300	128G SSD	7265 ac+BT	None	None	None	Black	2.0/5.0	Non-pro	Finger	None	2+0	Win8.1 64	1-Depot	No	11/14
20CG000SUS	5Y10	None	4GB	11.6" FHD	Pen	HD 5300	128G SSD	7265 ac+BT	None	None	None	Black	2.0/5.0	Non-pro	Finger	None	2+0	Win8.1 P64	1-Depot	No	11/14
20CG000RUS	5Y70	vPro	4GB	11.6" FHD	Pen	HD 5300	256G OPAL	7265 ac+BT	None	None	None	Black	2.0/5.0	Non-pro	Finger	None	2+0	Win8.1 P64	1-Depot	No	11/14
20CG0036US	5Y71	vPro	8GB	11.6" FHD	Pen	HD 5300	256G OPAL	7265 ac+BT	EM7345	None	None	Black	2.0/5.0	Pro	Finger	NFC	2+0	Win8.1 P64	3-Depot	No	01/15
20CG0031US	5Y71	vPro	4GB	11.6" FHD	Pen	HD 5300	256G OPAL	7265 ac+BT	None	None	None	Black	2.0/5.0	Pro	Finger	None	2+0	Win8.1 P64	3-Depot	No	01/15
20CG0030US	5Y71	vPro	4GB	11.6" FHD	Pen	HD 5300	128G SSD	7265 ac+BT	None	None	None	Black	2.0/5.0	Pro	Finger	None	2+0	Win8.1 P64	3-Depot	No	01/15
20CG0037US	5Y71	vPro	8GB	11.6" FHD	Pen	HD 5300	180G OPAL	7265 ac+BT	EM7345	None	None	Black	2.0/5.0	Pro	Finger	NFC	2+0	Win8.1 P64	3-Depot	No	01/15
20CG0033US	5Y71	vPro	8GB	11.6" FHD	Pen	HD 5300	180G OPAL	7265 ac+BT	None	None	None	Black	2.0/5.0	Pro	Finger	None	2+0	Win8.1 P64	3-Depot	No	01/15
20CG0034US	5Y71	vPro	4GB	11.6" FHD	Pen	HD 5300	180G OPAL	7265 ac+BT	None	None	None	Black	2.0/5.0	Pro	Finger	None	2+0	Win8.1 P64	3-Depot	No	01/15
20CG0035US	5Y71	vPro	4GB	11.6" FHD	Pen	HD 5300	256G OPAL	7265 ac+BT	EM7345	None	None	Black	2.0/5.0	Pro	Finger	NFC	2+0	Win8.1 P64	3-Depot	No	01/15
20CG002YUS	5Y10C	None	4GB	11.6" FHD	Pen	HD 5300	128G SSD	7265 ac+BT	None	None	None	Black	2.0/5.0	Pro	Finger	None	2+0	Win8.1 P64	3-Depot	No	01/15
20CG0032US	5Y71	vPro	8GB	11.6" FHD	Pen	HD 5300	256G OPAL	7265 ac+BT	None	None	None	Black	2.0/5.0	Pro	Finger	None	2+0	Win8.1 P64	3-Depot	No	01/15

• For detailed platform specifications, please see [ThinkPad Helix Platform Specifications sheet](#)

Processor	5th Generation Intel® Core™ M or Core m vPro™ Processor									Dimensions	11.6W" WLAN/WWAN: 11.9" x 7.58" x 0.38" (301.1mm x 192.5mm x 9.6mm) 11.6W" SmartCard reader: 11.9" x 7.58" x 0.76" (301.1mm x 192.5mm x 19.4mm)				
	Processor Number	# of Cores	# of Threads	Clock Speed	Max Turbo Frequency	Cache	Memory speed	Processor Graphics	Intel vPro Technology	Tablet Weight	WiFi/Touch	WiFi/Digitizer	WWAN/Touch	WWAN/Digitizer	SmartCard
	5Y10	2	4	0.8 GHz	2.0 GHz	4MB	LPDDR3-1600	Intel HD graphics 5300	No	795g	822g	795g	822g	855g	
	5Y70			1.1 GHz	2.6 GHz				Yes	1.75 lb	1.81 lb	1.75 lb	1.81 lb	1.88 lb	
	5Y10C			0.8 GHz	2.0 GHz				No						
5Y71	1.2 GHz			2.9 GHz	Yes										
Case color	Graphite black														
Case material	PC/ABS (Acrylonitrile-Butadiene-Styrene), and Aluminum														
Multicard reader	Support micro SD (2G max), micro SDHC (32G max), micro SDXC (64G max)														
Tablet ports	One USB 3.0 (one Always On), micro HDMI, micro SD, Micro SIM, Dock connector														
Graphics	Intel HD Graphics 5300 in processor									Camera	Front camera: 2.0-megapixel, 1080p resolution, fixed focus Rear camera: 5.0-megapixel, 1080p resolution, auto focus				
Chipset	Intel Core M & Intel Core m vPro									Audio support	HD Audio, Realtek® ALC286-VC codec, stereo speakers, 0.7W x 2 / three microphones, combo audio/mic jack				
Memory	8GB max / PC3-12800 1600MHz LPDDR3, soldered to system board, no sockets									Control buttons	Windows button, Power button, volume button, rotation lock switch, reset switch				
Display	11.6" (295mm) FHD (1920x1080) TFT color, VibrantView (glossy) display with infinity Corning® Gorilla® Glass, LED backlight, 370 nits, 16:9 aspect ratio, 800:1 contrast ratio, IPS, WideView (170° viewing), MultiTouch screen supports ten-finger gesture, One Glass Solution									Keyboard	Pro: Ultrabook Pro Keyboard, Battery keyboard, pen holder, backlight Non-pro: Ultrabook Keyboard, Mechanical keyboard, pen holder				
Digitizer Pen	Wacom® digitizer pen, supports hover, tip, and pressure modes / a button for selection / no batteries required									Smart Cover	None				
Storage	M.2 2280 SSD, 128GB or 256GB, 256GB SSD supports OPAL									Security	Power-on password, hard disk password, supervisor password, security keyhole				
Optical	None									Security chip	None				
Ethernet	None									vPro	Optional: Intel vPro Technology				
WLAN ⁴	Intel Dual Band Wireless-AC 7265, 2x2, Wi-Fi + BT combo adapter, M.2 Card									Fingerprint reader	Fingerprint reader				
Bluetooth™	Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter									NFC	Optional: Near Field Communication				
WWAN	Optional: Sierra Wireless EM7345, 4G LTE/HSPA/GSM/GPRS/EDGE, GPS, M.2 Card									Smart Cover	None				
Micro SIM card	None									Tablet battery	Integrated Li-Polymer 2-cell (35Wh)				
Smart Card Read	Optional: Smart Card reader									Battery - life	Up to 8 hrs				
Monitor Cable	None									AC adapter	36-watt AC adapter				
Light sensor	Ambient Light Sensor									Preload	Some: Windows 8.1 64-bit Some: Windows 8.1 Pro 64-bit				
G-sensor/	3D accelerometer and 3D magnetometer									Limited warranty	One of the following, configurable by model: • 1-year - depot repair service / service upgrades available • 3-year - depot repair service / service upgrades available				
eCompass	3D compass, 3D inclinometer									Environment	EPEAT™ Gold; ENERGY STAR® 6.1; GREENGUARD®; RoHS-compliant				
Gyroscope	3D gyrometer														

See footnotes for more detailed information

ThinkPad Helix 20CH

Product Specifications Reference (PSREF)

Model	Processor	vPro	Memory	Display	Digi-tizer Pen	Graphics	Storage	WLAN & Bluetooth	WWAN	SIM card	Smart card reader	Top Color	Camera Front/Rear (MP)	Keyboard	Finger print reader	NFC	battery cells (int+ext)	Preload	Base Warranty (year)	Global	Ann Date (m/y)
20CH000AUS	5Y10	None	4GB	11.6" FHD	Pen	HD 5300	128G SSD	7265 ac+BT	None	None	None	Black	2.0/5.0	Non-pro	Finger	None	2+0	Win8.1 P64	3-Depot	No	11/14
20CH000CUS	5Y70	vPro	4GB	11.6" FHD	Pen	HD 5300	256G OPAL	7265 ac+BT	None	None	None	Black	2.0/5.0	Non-pro	Finger	None	2+0	Win8.1 P64	3-Depot	No	11/14
20CH000DUS	5Y70	vPro	8GB	11.6" FHD	Pen	HD 5300	256G OPAL	7265 ac+BT	None	None	None	Black	2.0/5.0	Non-pro	Finger	None	2+0	Win8.1 P64	3-Depot	No	11/14
20CH000BUS	5Y70	vPro	4GB	11.6" FHD	Pen	HD 5300	128G SSD	7265 ac+BT	None	None	None	Black	2.0/5.0	Non-pro	Finger	None	2+0	Win8.1 P64	3-Depot	No	11/14
20CH0026US	5Y71	vPro	8GB	11.6" FHD	Pen	HD 5300	256G OPAL	7265 ac+BT	EM7345	None	None	Black	2.0/5.0	Pro	Finger	NFC	2+0	Win8.1 P64	3-Depot	No	01/15
20CH0023US	5Y71	vPro	4GB	11.6" FHD	Pen	HD 5300	256G OPAL	7265 ac+BT	None	None	None	Black	2.0/5.0	Pro	Finger	None	2+0	Win8.1 P64	3-Depot	Yes	01/15
20CH0022US	5Y71	vPro	8GB	11.6" FHD	Pen	HD 5300	256G OPAL	7265 ac+BT	None	None	None	Black	2.0/5.0	Pro	Finger	None	2+0	Win8.1 P64	3-Depot	Yes	01/15
20CH0021US	5Y71	vPro	8GB	11.6" FHD	Pen	HD 5300	180G OPAL	7265 ac+BT	None	None	None	Black	2.0/5.0	Pro	Finger	None	2+0	Win8.1 P64	3-Depot	Yes	01/15
20CH0024US	5Y71	vPro	4GB	11.6" FHD	Pen	HD 5300	128G SSD	7265 ac+BT	None	None	None	Black	2.0/5.0	Non-pro	Finger	None	2+0	Win8.1 P64	3-Depot	Yes	01/15
20CH0025US	5Y71	vPro	4GB	11.6" FHD	Pen	HD 5300	256G OPAL	7265 ac+BT	EM7345	None	None	Black	2.0/5.0	Pro	Finger	NFC	2+0	Win8.1 P64	3-Depot	No	01/15

• For detailed platform specifications, please see [ThinkPad Helix Platform Specifications sheet](#)

Processor	5th Generation Intel® Core™ M or Core M vPro™ Processor									Dimensions	11.6W" WLAN/WWAN: 11.9" x 7.58" x 0.38" (301.1mm x 192.5mm x 9.6mm) 11.6W" SmartCard reader: 11.9" x 7.58" x 0.76" (301.1mm x 192.5mm x 19.4mm)				
	Processor Number	# of Cores	# of Threads	Clock Speed	Max Turbo Frequency	Cache	Memory speed	Processor Graphics	Intel vPro Technology	Tablet Weight	WiFi/Touch	WiFi/Digitizer	WWAN/Touch	WWAN/Digitizer	SmartCard
	5Y10	2	4	0.8 GHz	2.0 GHz	4MB	LPDDR3-1600	Intel HD graphics 5300	No	795g	822g	795g	822g	855g	
	5Y70			1.1 GHz	2.6 GHz				Yes	1.75 lb	1.81 lb	1.75 lb	1.81 lb	1.88 lb	
	5Y10C			0.8 GHz	2.0 GHz				No						
5Y71	1.2 GHz			2.9 GHz	Yes										
Case color										Graphite black					
Case material										PC/ABS (Acrylonitrile-Butadiene-Styrene), and Aluminum					
Graphics	Intel HD Graphics 5300 in processor									Multicard reader	Support micro SD (2G max), micro SDHC (32G max), micro SDXC (64G max)				
Chipset	Intel Core M & Intel Core M vPro									Tablet ports	One USB 3.0 (one Always On), micro HDMI, micro SD, Micro SIM, Dock connector				
Memory	8GB max / PC3-12800 1600MHz LPDDR3, soldered to system board, no sockets									Camera	Front camera: 2.0-megapixel, 1080p resolution, fixed focus Rear camera: 5.0-megapixel, 1080p resolution, auto focus				
Display	11.6" (295mm) FHD (1920x1080) TFT color, VibrantView (glossy) display with infinity Corning® Gorilla® Glass, LED backlight, 370 nits, 16:9 aspect ratio, 800:1 contrast ratio, IPS, WideView (170° viewing), MultiTouch screen supports ten-finger gesture, One Glass Solution									Audio support	HD Audio, Realtek® ALC286-VC codec, stereo speakers, 0.7W x 2 / three microphones, combo audio/mic jack				
Digitizer Pen	Wacom® digitizer pen, supports hover, tip, and pressure modes / a button for selection / no batteries required									Control buttons	Windows button, Power button, volume button, rotation lock switch, reset switch				
Storage	M.2 2280 SSD, 128GB or 256GB, 256GB SSD supports OPAL									Keyboard	Pro: Ultrabook Pro Keyboard, Battery keyboard, pen holder, backlight Non-pro: Ultrabook Keyboard, Mechanical keyboard, pen holder				
Optical	None									Security	Power-on password, hard disk password, supervisor password, security keyhole				
Ethernet	None									Security chip	None				
WLAN ⁴	Intel Dual Band Wireless-AC 7265, 2x2, Wi-Fi + BT combo adapter, M.2 Card									vPro	Optional: Intel vPro Technology				
Bluetooth™	Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter									Fingerprint reader	Fingerprint reader				
WWAN	Optional: Sierra Wireless EM7345, 4G LTE/HSPA/GSM/GPRS/EDGE, GPS, M.2 Card									NFC	Optional: Near Field Communication				
Micro SIM card	None									Smart Cover	None				
Smart Card Read	Optional: Smart Card reader									Tablet battery	Integrated Li-Polymer 2-cell (35Wh)				
Monitor Cable	None									Battery - life	Up to 8 hrs				
Light sensor	Ambient Light Sensor									AC adapter	36-watt AC adapter				
G-sensor/ eCompass	3D accelerometer and 3D magnetometer									Preload	Some: Windows 8.1 64-bit Some: Windows 8.1 Pro 64-bit				
Gyroscope	3D compass, 3D inclinometer									Limited warranty	One of the following, configurable by model: • 1-year - depot repair service / service upgrades available • 3-year - depot repair service / service upgrades available				
	3D gyrometer									Environment	EPEAT™ Gold; ENERGY STAR® 6.1; GREENGUARD®; RoHS-compliant				

See footnotes for more detailed information



Lenovo® ThinkPad Helix (Stand mode)



Lenovo ThinkPad Helix (Tablet mode) with ThinkPad Helix Digitizer Pen 0A33910



Lenovo ThinkPad Helix (Notebook mode)



Lenovo ThinkPad Helix



Lenovo ThinkPad Helix (Notebook mode)



Lenovo ThinkPad Helix



Lenovo® ThinkPad Helix
(Tablet mode)



Lenovo ThinkPad Helix
(Tablet only)



Lenovo ThinkPad Helix (Notebook mode)



Lenovo ThinkPad Helix (Tablet+ mode)



Lenovo ThinkPad Helix



Lenovo ThinkPad Helix (Notebook mode)

ThinkPad Helix (3698) - TopSeller

Product Specifications Reference (PSREF)

Type-model	Processor	Memory	Widescreen display	Storage	Digitizer Pen	Front/ Rear (MP)	Keyboard Dock	Camera Enhanced	WLAN 802.11	PCIe Mini Card WWAN	Carrier	NFC	Blue-tooth	Intel AMT	Intel vPro	Preload	Ann Date (mm/yy)
3698-4UU	i7-3667U	8GB	11.6" FHD	256G	Pen	2.0/5.0	Dock	Intel 6205S ²⁸	Gobi 4000	AT&T	NFC	BT	iAMT	vPro	Win8 Pro64	03/13	
3698-4TU	i7-3667U	8GB	11.6" FHD	180G	Pen	2.0/5.0	Dock	Intel 6205S	Gobi 4000	AT&T	None	BT	iAMT	vPro	Win8 Pro64	03/13	
3698-4PU	i5-3427U	4GB	11.6" FHD	256G	Pen	2.0/5.0	Dock	Intel 6205S	Gobi 4000	AT&T	NFC	BT	iAMT	vPro	Win8 Pro64	03/13	
3698-4NU	i5-3427U	4GB	11.6" FHD	180G	Pen	2.0/5.0	Dock	Intel 6205S	Gobi 4000	AT&T	NFC	BT	iAMT	vPro	Win8 Pro64	03/13	
3698-4SU	i7-3667U	8GB	11.6" FHD	256G	Pen	2.0/5.0	Dock	Intel 6205S	None	None	NFC	BT	iAMT	vPro	Win8 Pro64	03/13	
3698-4RU	i7-3667U	8GB	11.6" FHD	180G	Pen	2.0/5.0	Dock	Intel 6205S	None	None	NFC	BT	iAMT	vPro	Win8 Pro64	03/13	
3698-4MU	i5-3427U	4GB	11.6" FHD	180G	Pen	2.0/5.0	Dock	Intel 6205S	None	None	NFC	BT	iAMT	vPro	Win8 Pro64	03/13	
3698-4LU	i5-3337U	4GB	11.6" FHD	180G	Pen	2.0/5.0	Dock	Intel 6205S	None	None	NFC	BT	None	No	Win8 Pro64	03/13	
3698-4KU	i5-3337U	4GB	11.6" FHD	256G	No	2.0/5.0	Dock	Intel 6205S	None	None	NFC	BT	None	No	Win8 Pro64	03/13	
3698-4JU	i5-3337U	4GB	11.6" FHD	180G	No	2.0/5.0	Dock	Intel 6205S	None	None	NFC	BT	None	No	Win8 Pro64	03/13	
3698-6EU	i5-3337U	4GB	11.6" FHD	128G	Pen	2.0/5.0	Dock	Intel 6205S	None	None	NFC	BT	None	No	Win8 Pro64	04/13	

- **Small and medium business (SMB) model(s), part of the US TopSeller™ Program**
- **A depot repair service 3-year limited warranty**

Positioning	Convertible design for four modes - Notebook, Stand, Tablet, and Tablet +														
Processor	Intel® Core™ i5-3337U processor (2 cores, 1.80GHz, 3MB cache), Intel HD Graphics 4000, DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (2.70GHz), HT technology Intel Core i5-3427U processor (2 cores, 1.80GHz, 3MB cache), Intel HD Graphics 4000, DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (2.80GHz), HT technology Intel Core i7-3667U processor (2 cores, 2.0GHz, 4MB cache), Intel HD Graphics 4000, DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (3.20GHz), HT technology														
Memory	8GB max / PC3-10600 1333MHz DDR3L / soldered to systemboard, no sockets														
Storage	mSATA Solid State Drive (SSD), via PCIe Mini Card slot														
Graphics	Intel HD Graphics 4000 in processor, external digital monitor support via Mini DisplayPort (supports VGA analog monitor via Mini DisplayPort to VGA Monitor Cable 0A36536); supports dual independent display; <i>Max external resolution: 2560x1600 (Mini-DisplayPort)@60Hz</i>														
Display	11.6" (295mm) FHD (1920x1080) TFT color, VibrantView (glossy) display with infinity Corning® Gorilla® Glass, LED backlight, 350 nits, 16:9 aspect ratio, 800:1 contrast ratio, IPS, WideView (170° viewing), MultiTouch screen supports ten-finger gesture, One Glass Solution														
Digitizer Pen	<i>Some: Wacom® digitizer pen, supports hover, tip, and pressure modes / a button for selection / no batteries required, pen holder on Tablet</i> * The models without Digitizer Pen can not support pen input function via optional ThinkPad Helix Digitizer Pen (0A33910)														
Camera	<i>Front camera: 2.0-megapixel, 1080p resolution, fixed focus</i> <i>Rear camera: 5.0-megapixel, 1080p resolution, auto focus</i> 1080p video capture														
Video capture	1080p video capture														
Audio support	HD Audio, Realtek® ALC3202 codec, Dolby® Home Theater® v4 / stereo speakers, 1 watt x 2 / dual array digital microphone, combo audio/microphone jack														
Media capable	Audio formats: MP3, AAC, AAC+, eAAC+, WAV, WMA Video formats: MPEG-4, H.263, H.264, VC-1, WMV9, Xvid														
Control buttons	Windows button, Power button, volume control button, rotation lock switch, reset switch														
Keyboard Dock	Keyboard Dock, 6-row spill-resistant keyboard, TrackPoint® pointing device, MultiTouch glass touchpad w/ 5 integrated buttons, landscape stand, security keyhole, two USB 3.0, one Mini DisplayPort, integrated 4-cell battery (Li-Polymer, 28Wh), the 45-watt AC adapter can charge both the Tablet battery and Keyboard Dock battery														
Light sensor	Ambient Light Sensor, Capella CM3218														
G-sensor/ eCompass	3D accelerometer and 3D magnetometer module, STMicroelectronics LSM303DLHC														
Gyroscope	3D gyroscope, STMicroelectronics L3GD20														
Chipset	Mobile Intel QS77 Express Chipset														
Tablet ports	One USB 2.0, one Mini DisplayPort, SIM card slot, Keyboard Dock connector														
Monitor Cable	None														
WLAN ⁴	11a/b/g/n ²⁸ , PCIe SFF (Small Form Factor) Mini Card, Intel Centrino® Advanced-N 6205S, 2x2														
WWAN	<i>Some: Wireless WAN, Qualcomm® Gobi™ 4000 chipset, LTE (4G), PCIe TFF (Thin Form Factor) Mini Card, WCDMA/HSPA/HSPA+, GPS</i>														
Carrier	<i>Some: AT&T® LTE (4G), contract required with service provider</i>														
Bluetooth™	Bluetooth 4.0 wireless														
Ethernet	None														
NFC	<i>Some: Near Field Communication, easy for two devices to communicate with each other</i>														
Intel AMT	<i>Some: Intel Active Management Technology (iAMT)</i>														
Security chip	Trusted Platform Module, TCG 1.2-compliant														
Dimensions ³	<i>Tablet only: 11.66" x 7.37" x 0.46"; 296.1mm x 187.3mm x 11.6mm</i> <i>Tablet with Keyboard Dock: 11.66" x 8.90" x 0.80"; 296.1mm x 226mm x 20.4mm</i> <i>Tablet only: from 1.73 lb (0.785kg);</i> <i>Tablet with Keyboard Dock: from 3.54 lb (1.606kg)</i>														
Weight ²															
Case color	Black														
Case material	Magnesium + PC/ABS (PolyCarbonate/Acrylonitrile-Butadiene-Styrene)														
Battery - type	<i>Tablet battery: Integrated Lithium Polymer 3-cell battery, 42Whr</i> <i>Keyboard Dock battery: Integrated Lithium Polymer 4-cell battery, 28Whr</i>														
Battery - life ¹⁰	<i>MobileMark® 2012: Tablet only: up to 5.6 hr; Tablet with Keyboard Dock: up to 8.0 hr</i>														
Limited Warranty ¹²	3-years/1-yr battery - depot repair service / service upgrades²² available														
	Preloaded operating system²⁰ - Windows® 8 Pro 64-bit Preloaded applications¹⁴ (only some listed) - Traditional Desktop apps • Lenovo® Solution Center • ThinkVantage System Update • Password Manager • Lenovo Cloud Storage by SugarSync • PC Device Stage • Nitro PDF Reader • Microsoft® Office preloaded; purchase a product key to activate • Intel Small Business Advantage - Windows Store apps • Lenovo Settings • Lenovo Experience • Lenovo Support • Lenovo Companion • AT&T® All Access • Norton™ Internet Security 2013 (30 days of virus definitions) • AccuWeather • Evernote® Skitch (MultiTouch models) • Skype™ • Amazon Kindle														
	45-watt AC adapter EPEAT™ Gold rating ENERGY STAR® 5.0-compliant RoHS-compliant International Warranty Service ¹⁷ 24 hour x 7 day ¹⁸ toll-free support during the warranty period ¹² For Lenovo service ²² upgrade options, please go to S-TA sheet														

See footnotes for more detailed information
 US model(s) announced March 26 or April 2, 2013

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 (PR1-1) April 2013

ThinkPad Helix (3698) - TopSeller - II

Product Specifications Reference (PSREF)

Type-model	Processor	Memory	Widescreen display	Storage	Digitizer Pen	Camera Front/ Rear (MP)	Enhanced Keyboard Dock	WLAN 802.11	PCIe Mini Card WWAN	Carrier	NFC	Intel AMT	Intel vPro	Preload	Ann Date (mm/yy)
3698-6VU	i5-3337U	4GB	11.6" FHD	180G	Pen	2.0/5.0	Dock	Intel 6205S ²⁸	Ericsson	selectable	NFC	None	No	Win8 Pro64	06/13
3698-6UU	i5-3427U	4GB	11.6" FHD	180G	Pen	2.0/5.0	Dock	Intel 6205S	Ericsson	selectable	NFC	iAMT	vPro	Win8 Pro64	06/13
3698-6TU	i5-3427U	4GB	11.6" FHD	256G	Pen	2.0/5.0	Dock	Intel 6205S	Ericsson	selectable	NFC	iAMT	vPro	Win8 Pro64	06/13
3698-6SU	i7-3667U	8GB	11.6" FHD	180G	Pen	2.0/5.0	Dock	Intel 6205S	Ericsson	selectable	NFC	iAMT	vPro	Win8 Pro64	06/13
3698-6RU	i7-3667U	8GB	11.6" FHD	256G	Pen	2.0/5.0	Dock	Intel 6205S	Ericsson	selectable	NFC	iAMT	vPro	Win8 Pro64	06/13
3698-6QU	i5-3317U	4GB	11.6" FHD	128G	Pen	2.0/5.0	Dock	Intel 6205S	Ericsson	selectable	NFC	None	No	Win8 Pro64	06/13

- Small and medium business (SMB) model(s), part of the US TopSeller™ Program
- A depot repair service 3-year limited warranty

Positioning	Convertible design for four modes - Notebook, Stand, Tablet, and Tablet +											Preloaded operating system ²⁰ - Windows® 8 Pro 64-bit
Processor	Intel® Core™ i5-3317U processor (2 cores, 1.70GHz, 3MB cache), Intel HD Graphics 4000, DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (2.60GHz), HT technology Intel Core i5-3337U processor (2 cores, 1.80GHz, 3MB cache), Intel HD Graphics 4000, DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (2.70GHz), HT technology Intel Core i5-3427U processor (2 cores, 1.80GHz, 3MB cache), Intel HD Graphics 4000, DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (2.80GHz), HT technology Intel Core i7-3667U processor (2 cores, 2.0GHz, 4MB cache), Intel HD Graphics 4000, DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (3.20GHz), HT technology											Preloaded applications ¹⁴ (only some listed) - Traditional Desktop apps • Lenovo® Solution Center • ThinkVantage System Update • Password Manager • Lenovo Cloud Storage by SugarSync • PC Device Stage • Nitro PDF Reader • Microsoft® Office preloaded; purchase a product key to activate • Intel Small Business Advantage - Windows Store apps • Lenovo Settings • Lenovo Experience • Lenovo Support • Lenovo Companion • AT&T® All Access • Norton™ Internet Security 2013 (30 days of virus definitions) • AccuWeather • Evernote® Sketch (MultiTouch models) • Skype™ • Amazon Kindle
Memory	8GB max ⁷ / PC3-10600 1333MHz DDR3L / soldered to systemboard, no sockets											
Storage	mSATA Solid State Drive (SSD), via PCIe Mini Card slot											
Graphics	Intel HD Graphics 4000 in processor, external digital monitor support via Mini DisplayPort (supports VGA analog monitor via Mini DisplayPort to VGA Monitor Cable 0A36536); supports dual independent display; Max external resolution: 2560x1600 (Mini-DisplayPort)@60Hz											
Display	11.6" (295mm) FHD (1920x1080) TFT color, VibrantView (glossy) display with infinity Corning® Gorilla® Glass, LED backlight, 350 nits, 16:9 aspect ratio, 800:1 contrast ratio, IPS, WideView (170° viewing), MultiTouch screen supports ten-finger gesture, One Glass Solution											
Digitizer Pen	Wacom® digitizer pen, supports hover, tip, and pressure modes / a button for selection / no batteries required, pen holder on Tablet * The models without Digitizer Pen can not support pen input function via optional ThinkPad Helix Digitizer Pen (0A33910)											
Camera	Front camera: 2.0-megapixel, 1080p resolution, fixed focus Rear camera: 5.0-megapixel, 1080p resolution, auto focus											
Video capture	1080p video capture											
Audio support	HD Audio, Realtek® ALC3202 codec, Dolby® Home Theater® v4 / stereo speakers, 1 watt x 2 / dual array digital microphone, combo audio/microphone jack											
Media capable	Audio formats: MP3, AAC, AAC+, eAAC+, WAV, WMA Video formats: MPEG-4, H.263, H.264, VC-1, WMV9, Xvid											
Control buttons	Windows button, Power button, volume control button, rotation lock switch, reset switch											
Keyboard Dock	Keyboard Dock, 6-row spill-resistant keyboard, TrackPoint® pointing device, MultiTouch glass touchpad w/ 5 integrated buttons, landscape stand, security keyhole, two USB 3.0, one Mini DisplayPort, integrated 4-cell battery (Li-Polymer, 28Wh), the 45-watt AC adapter can charge both the Tablet battery and Keyboard Dock battery											
Light sensor	Ambient Light Sensor, Capella CM3218											
G-sensor/ eCompass	3D accelerometer and 3D magnetometer module, STMicroelectronics LSM303DLHC											
Gyroscope	3D gyroscope, STMicroelectronics L3GD20											
Chipset	Mobile Intel QS77 Express Chipset											
Tablet ports	One USB 2.0, one Mini DisplayPort, SIM card slot, Keyboard Dock connector											
Monitor Cable	None											
WLAN ⁴	11a/b/g/n ²⁸ , PCIe SFF (Small Form Factor) Mini Card, Intel Centrino® Advanced-N 6205S, 2x2											
WWAN	Wireless WAN, Ericsson® C5621gw Mobile Broadband Module, PCIe TFF (Thin Form Factor) Mini Card, GPRS/WCDMA/HSPA/HSPA+, GPS											
Carrier	User selectable, contract required with service provider											
Bluetooth™	Bluetooth 4.0 wireless											
Ethernet	None											
NFC	Near Field Communication, easy for two devices to communicate with each other											
Intel AMT	Some: Intel Active Management Technology (iAMT)											
Security chip	Trusted Platform Module, TCG 1.2-compliant											
Dimensions ³	Tablet only: 11.66" x 7.37" x 0.46"; 296.1mm x 187.3mm x 11.6mm Tablet with Keyboard Dock: 11.66" x 8.90" x 0.80"; 296.1mm x 226mm x 20.4mm											
Weight ²	Tablet only: from 1.73 lb (0.785kg); Tablet with Keyboard Dock: from 3.54 lb (1.606kg)											
Case color	Black											
Case material	Magnesium + PC/ABS (PolyCarbonate/Acrylonitrile-Butadiene-Styrene)											
Battery - type	Tablet battery: Integrated Lithium Polymer 3-cell battery, 42Whr Keyboard Dock battery: Integrated Lithium Polymer 4-cell battery, 28Whr											45-watt AC adapter EPEAT™ Gold rating ENERGY STAR® 5.0-compliant RoHS-compliant International Warranty Service ¹⁷ 24 hour x 7 day ¹⁸ toll-free support during the warranty period ¹²
Battery - life ¹⁰	MobileMark® 2012: Tablet only: up to 5.6 hr; Tablet with Keyboard Dock: up to 8.0 hr											
Limited Warranty ¹²	3-years/1-yr battery - depot repair service / service upgrades ²² available											For Lenovo service ²² upgrade options, please go to S-TA sheet

See footnotes for more detailed information
US model(s) announced June 4, 2013

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ThinkPad Helix (3701)

Type-model	Processor	Memory	Widescreen display	Storage	Digitizer Pen	Camera Front/Rear (MP)	Enhanced Keyboard Dock	WLAN 802.11	PCIe Mini Card WWAN	Carrier	NFC	Global (G) Intel vPro (P)	Preload	Ann Date (mm/yy)
3701-37U	i7-3667U	8GB	11.6" FHD	180G	Pen	2.0/5.0	Dock	Intel 6205S ²⁸	Gobi 4000	AT&T	NFC	vPro	Win8 Pro64	03/13
3701-36U	i7-3667U	8GB	11.6" FHD	256G	Pen	2.0/5.0	Dock	Intel 6205S	Gobi 4000	AT&T	NFC	vPro	Win8 Pro64	03/13
3701-35U	i5-3427U	4GB	11.6" FHD	256G	Pen	2.0/5.0	Dock	Intel 6205S	Gobi 4000	AT&T	NFC	vPro	Win8 Pro64	03/13
3701-34U	i5-3427U	4GB	11.6" FHD	180G	Pen	2.0/5.0	Dock	Intel 6205S	Gobi 4000	AT&T	NFC	vPro	Win8 Pro64	03/13
3701-33U	i7-3667U	8GB	11.6" FHD	256G	Pen	2.0/5.0	Dock	Intel 6205S	None	None	NFC	vPro	G Win8 Pro64	03/13
3701-32U	i5-3427U	4GB	11.6" FHD	256G	Pen	2.0/5.0	Dock	Intel 6205S	None	None	NFC	vPro	G Win8 Pro64	03/13
3701-2QU	i7-3667U	8GB	11.6" FHD	180G	Pen	2.0/5.0	Dock	Intel 6205S	None	None	None	vPro	Win8 Pro64	03/13
3701-2PU	i5-3427U	4GB	11.6" FHD	180G	Pen	2.0/5.0	Dock	Intel 6205S	None	None	None	vPro	Win8 Pro64	03/13
3701-4FU	i7-3667U	8GB	11.6" FHD	180G	Pen	2.0/5.0	Dock	Intel 6205S	Ericsson	selectable	NFC	vPro	Win8 Pro64	06/13
3701-4EU	i7-3667U	8GB	11.6" FHD	256G	Pen	2.0/5.0	Dock	Intel 6205S	Ericsson	selectable	NFC	vPro	Win8 Pro64	06/13
3701-4DU	i5-3427U	4GB	11.6" FHD	256G	Pen	2.0/5.0	Dock	Intel 6205S	Ericsson	selectable	NFC	vPro	Win8 Pro64	06/13
3701-4CU	i5-3427U	4GB	11.6" FHD	180G	Pen	2.0/5.0	Dock	Intel 6205S	Ericsson	selectable	NFC	vPro	Win8 Pro64	06/13

• A depot repair service 3-year limited warranty

Positioning	Convertible design for four modes - Notebook, Stand, Tablet, and Tablet +											Preloaded operating system ²⁰ - Windows® 8 Pro 64-bit
Processor	Intel® Core™ i5-3427U processor (2 cores, 1.80GHz, 3MB cache), Intel HD Graphics 4000, DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (2.80GHz), HT technology Intel Core i7-3667U processor (2 cores, 2.0GHz, 4MB cache), Intel HD Graphics 4000, DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (3.20GHz), HT technology											Preloaded applications ¹⁴ (only some listed)
Memory	8GB max ⁷ / PC3-10600 1333MHz DDR3L / soldered to systemboard, no sockets											- Traditional Desktop apps
Storage	mSATA Solid State Drive (SSD), via PCIe Mini Card slot											• Lenovo® Solution Center
Graphics	Intel HD Graphics 4000 in processor, external digital monitor support via Mini DisplayPort (supports VGA analog monitor via Mini DisplayPort to VGA Monitor Cable 0A36536); supports dual independent display; Max external resolution: 2560x1600 (Mini-DisplayPort)@60Hz											• ThinkVantage System Update
Display	11.6" (295mm) FHD (1920x1080) TFT color, VibrantView (glossy) display with infinity Corning® Gorilla® Glass, LED backlight, 350 nits, 16:9 aspect ratio, 800:1 contrast ratio, IPS, WideView (170° viewing), MultiTouch screen supports ten-finger gesture, One Glass Solution											• Password Manager
Digitizer Pen	Wacom® digitizer pen, supports hover, tip, and pressure modes / a button for selection / no batteries required, pen holder on Tablet * The models without Digitizer Pen can not support pen input function via optional ThinkPad Helix Digitizer Pen (0A33910)											• Lenovo Cloud Storage by SugarSync
Camera	Front camera: 2.0-megapixel, 1080p resolution, fixed focus Rear camera: 5.0-megapixel, 1080p resolution, auto focus											• PC Device Stage
Video capture	1080p video capture											• Nitro PDF Reader
Audio support	HD Audio, Realtek® ALC3202 codec, Dolby® Home Theater® v4 / stereo speakers, 1 watt x 2 / dual array digital microphone, combo audio/microphone jack											• Microsoft® Office preloaded; purchase a product key to activate
Media capable	Audio formats: MP3, AAC, AAC+, eAAC+, WAV, WMA Video formats: MPEG-4, H.263, H.264, VC-1, WMV9, Xvid											• Intel Small Business Advantage
Control buttons	Windows button, Power button, volume control button, rotation lock switch, reset switch											- Windows Store apps
Keyboard Dock	Keyboard Dock, 6-row spill-resistant keyboard, TrackPoint® pointing device, MultiTouch glass touchpad w/ 5 integrated buttons, landscape stand, security keyhole, two USB 3.0, one Mini DisplayPort, integrated 4-cell battery (Li-Polymer, 28Wh), the 45-watt AC adapter can charge both the Tablet battery and Keyboard Dock battery											• Lenovo Settings
Light sensor	Ambient Light Sensor, Capella CM3218											• Lenovo Experience
G-sensor/ eCompass	3D accelerometer and 3D magnetometer module, STMicroelectronics LSM303DLHC											• Lenovo Support
Gyroscope	3D gyroscope, STMicroelectronics L3GD20											• Lenovo Companion
Chipset	Mobile Intel QS77 Express Chipset											• AT&T® All Access
Tablet ports	One USB 2.0, one Mini DisplayPort, SIM card slot, Keyboard Dock connector											• Norton™ Internet Security 2013 (30 days of virus definitions)
Monitor Cable	None											• AccuWeather
WLAN ⁴	11a/b/g/n ²⁸ , PCIe SFF (Small Form Factor) Mini Card, Intel Centrino® Advanced-N 6205S, 2x2											• Evernote® Sketch (MultiTouch models)
WWAN	Some: Wireless WAN, Qualcomm® Gobi™ 4000 chipset, LTE (4G), PCIe TFF (Thin Form Factor) Mini Card, WCDMA/HSPA/HSPA+, GPS Some: Wireless WAN, Ericsson® C5621gw Mobile Broadband Module, PCIe TFF (Thin Form Factor) Mini Card, GPRS/WCDMA/HSPA/HSPA+, GPS											• Skype™
Carrier	Some: AT&T® LTE (4G), contract required with service provider Some: User selectable, contract required with service provider											• Amazon Kindle
Bluetooth™	Bluetooth 4.0 wireless											
Ethernet	None											
NFC	Some: Near Field Communication, easy for two devices to communicate with each other											
Intel AMT	Intel Active Management Technology (iAMT)											
Security chip	Trusted Platform Module, TCG 1.2-compliant											
Dimensions ³	Tablet only: 11.66" x 7.37" x 0.46"; 296.1mm x 187.3mm x 11.6mm Tablet with Keyboard Dock: 11.66" x 8.90" x 0.80"; 296.1mm x 226mm x 20.4mm											45-watt AC adapter
Weight ²	Tablet only: from 1.73 lb (0.785kg); Tablet with Keyboard Dock: from 3.54 lb (1.606kg)											EPEAT™ Gold rating
Case color	Black											ENERGY STAR® 5.0-compliant
Case material	Magnesium + PC/ABS (PolyCarbonate/Acrylonitrile-Butadiene-Styrene)											RoHS-compliant
Battery - type	Tablet battery: Integrated Lithium Polymer 3-cell battery, 42Whr Keyboard Dock battery: Integrated Lithium Polymer 4-cell battery, 28Whr											International Warranty Service ¹⁷
Battery - life ¹⁰	MobileMark® 2012: Tablet only: up to 5.6 hr; Tablet with Keyboard Dock: up to 8.0 hr											24 hour x 7 day ¹⁸ toll-free support during the warranty period ¹²
Limited Warranty ¹²	3-years/1-yr battery - depot repair service / service upgrades ²² available											For Lenovo service ²² upgrade options, please go to S-TA sheet

See footnotes for more detailed information
US model(s) announced March 26 or June 4, 2013

ThinkPad Helix (3702) - Onsite

Type-model	Processor	Memory	Widescreen display	Storage	Digitizer Pen	Camera Front/Rear (MP)	Enhanced Keyboard Dock	WLAN 802.11	PCIe Mini Card WWAN	Carrier	NFC	Global (G) Intel vPro	GMP (P)	Preload	Ann Date (mm/yy)
3702-5AU	i5-3427U	4GB	11.6" FHD	256G	Pen	2.0/5.0	Dock	Intel 6205S ²⁸	None	None	NFC	vPro	G P	Win8 Pro64	03/13
3702-46U	i7-3667U	8GB	11.6" FHD	180G	Pen	2.0/5.0	Dock	Intel 6205S	Gobi 4000	AT&T	NFC	vPro		Win8 Pro64	03/13
3702-45U	i7-3667U	8GB	11.6" FHD	256G	Pen	2.0/5.0	Dock	Intel 6205S	Gobi 4000	AT&T	NFC	vPro		Win8 Pro64	03/13
3702-44U	i5-3427U	4GB	11.6" FHD	256G	Pen	2.0/5.0	Dock	Intel 6205S	Gobi 4000	AT&T	NFC	vPro		Win8 Pro64	03/13
3702-43U	i5-3427U	4GB	11.6" FHD	180G	Pen	2.0/5.0	Dock	Intel 6205S	Gobi 4000	AT&T	NFC	vPro		Win8 Pro64	03/13
3702-5UU	i7-3667U	8GB	11.6" FHD	180G	Pen	2.0/5.0	Dock	Intel 6205S	Ericsson	selectable	None	vPro		Win8 Pro64	06/13
3702-5TU	i7-3667U	8GB	11.6" FHD	256G	Pen	2.0/5.0	Dock	Intel 6205S	Ericsson	selectable	None	vPro		Win8 Pro64	06/13
3702-5LU	i5-3427U	4GB	11.6" FHD	256G	Pen	2.0/5.0	Dock	Intel 6205S	Ericsson	selectable	NFC	vPro		Win8 Pro64	06/13
3702-5KU	i5-3427U	4GB	11.6" FHD	180G	Pen	2.0/5.0	Dock	Intel 6205S	Ericsson	selectable	NFC	vPro		Win8 Pro64	06/13

• Some models are part of the Global Models Plus program with limited onsite service²⁴ 3-year limited warranty

Positioning	Convertible design for four modes - Notebook, Stand, Tablet, and Tablet +											Preloaded operating system ²⁰ - Windows® 8 Pro 64-bit		
Processor	Intel® Core™ i5-3427U processor (2 cores, 1.80GHz, 3MB cache), Intel HD Graphics 4000, DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (2.80GHz), HT technology Intel Core i7-3667U processor (2 cores, 2.0GHz, 4MB cache), Intel HD Graphics 4000, DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (3.20GHz), HT technology											Preloaded applications ¹⁴ (only some listed) - Traditional Desktop apps • Lenovo® Solution Center • ThinkVantage System Update • Password Manager • Lenovo Cloud Storage by SugarSync • PC Device Stage • Nitro PDF Reader • Microsoft® Office preloaded; purchase a product key to activate • Intel Small Business Advantage - Windows Store apps • Lenovo Settings • Lenovo Experience • Lenovo Support • Lenovo Companion • AT&T® All Access • Norton™ Internet Security 2013 (30 days of virus definitions) • AccuWeather • Evernote® Sketch (MultiTouch models) • Skype™ • Amazon Kindle		
Memory	8GB max ⁷ / PC3-10600 1333MHz DDR3L / soldered to systemboard, no sockets													
Storage	mSATA Solid State Drive (SSD), via PCIe Mini Card slot													
Graphics	Intel HD Graphics 4000 in processor, external digital monitor support via Mini DisplayPort (supports VGA analog monitor via Mini DisplayPort to VGA Monitor Cable 0A36536); supports dual independent display; Max external resolution: 2560x1600 (Mini-DisplayPort)@60Hz													
Display	11.6" (295mm) FHD (1920x1080) TFT color, VibrantView (glossy) display with infinity Corning® Gorilla® Glass, LED backlight, 350 nits, 16:9 aspect ratio, 800:1 contrast ratio, IPS, WideView (170° viewing), MultiTouch screen supports ten-finger gesture, One Glass Solution													
Digitizer Pen	Wacom® digitizer pen, supports hover, tip, and pressure modes / a button for selection / no batteries required, pen holder on Tablet * The models without Digitizer Pen can not support pen input function via optional ThinkPad Helix Digitizer Pen (0A33910)													
Camera	Front camera: 2.0-megapixel, 1080p resolution, fixed focus Rear camera: 5.0-megapixel, 1080p resolution, auto focus													
Video capture	1080p video capture													
Audio support	HD Audio, Realtek® ALC3202 codec, Dolby® Home Theater® v4 / stereo speakers, 1 watt x 2 / dual array digital microphone, combo audio/microphone jack													
Media capable	Audio formats: MP3, AAC, AAC+, eAAC+, WAV, WMA Video formats: MPEG-4, H.263, H.264, VC-1, WMV9, Xvid													
Control buttons	Windows button, Power button, volume control button, rotation lock switch, reset switch													
Keyboard Dock	Keyboard Dock, 6-row spill-resistant keyboard, TrackPoint® pointing device, MultiTouch glass touchpad w/ 5 integrated buttons, landscape stand, security keyhole, two USB 3.0, one Mini DisplayPort, integrated 4-cell battery (Li-Polymer, 28Wh), the 45-watt AC adapter can charge both the Tablet battery and Keyboard Dock battery													
Light sensor	Ambient Light Sensor, Capella CM3218													
G-sensor/ eCompass	3D accelerometer and 3D magnetometer module, STMicroelectronics LSM303DLHC													
Gyroscope	3D gyroscope, STMicroelectronics L3GD20													
Chipset	Mobile Intel QS77 Express Chipset													
Tablet ports	One USB 2.0, one Mini DisplayPort, SIM card slot, Keyboard Dock connector													
Monitor Cable	None													
WLAN ⁴	11a/b/g/n ²⁸ , PCIe SFF (Small Form Factor) Mini Card, Intel Centrino® Advanced-N 6205S, 2x2													
WWAN	Some: Wireless WAN, Qualcomm® Gobi™ 4000 chipset, LTE (4G), PCIe TFF (Thin Form Factor) Mini Card, WCDMA/HSPA/HSPA+, GPS Some: Wireless WAN, Ericsson® C5621gw Mobile Broadband Module, PCIe TFF (Thin Form Factor) Mini Card, GPRS/WCDMA/HSPA/HSPA+, GPS													
Carrier	Some: AT&T® LTE (4G), contract required with service provider Some: User selectable, contract required with service provider													
Bluetooth™	Bluetooth 4.0 wireless													
Ethernet	None													
NFC	Some: Near Field Communication, easy for two devices to communicate with each other													
Intel AMT	Intel Active Management Technology (iAMT)													
Security chip	Trusted Platform Module, TCG 1.2-compliant													
Dimensions ³	Tablet only: 11.66" x 7.37" x 0.46"; 296.1mm x 187.3mm x 11.6mm Tablet with Keyboard Dock: 11.66" x 8.90" x 0.80"; 296.1mm x 226mm x 20.4mm													
Weight ²	Tablet only: from 1.73 lb (0.785kg); Tablet with Keyboard Dock: from 3.54 lb (1.606kg)													
Case color	Black													
Case material	Magnesium + PC/ABS (PolyCarbonate/Acrylonitrile-Butadiene-Styrene)													
Battery - type	Tablet battery: Integrated Lithium Polymer 3-cell battery, 42Whr Keyboard Dock battery: Integrated Lithium Polymer 4-cell battery, 28Whr													
Battery - life ¹⁰	MobileMark® 2012: Tablet only: up to 5.6 hr; Tablet with Keyboard Dock: up to 8.0 hr											45-watt AC adapter EPEAT™ Gold rating ENERGY STAR® 5.0-compliant RoHS-compliant International Warranty Service ¹⁷ 24 hour x 7 day ¹⁸ toll-free support during the warranty period ¹²		
Limited Warranty ¹²	3-years/1-year battery, limited onsite service ²⁴ , 8 am - 5 pm, Mon - Fri coverage excluding holidays, next business day response time / service upgrades ²² available											For Lenovo service ²² upgrade options, please go to S-TA sheet		

See footnotes for more detailed information
US model(s) announced March 26 or June 4, 2013

ThinkPad Helix Accessories

Product Specifications Reference (PSREF)

Storage and removable storage

USB 2.0 Portable 500GB Hard Disk	45K1690	ann 05/26/09
USB 3.0 Secure 500GB Hard Drive	0A65619	ann 11/29/11
USB 3.0 Secure 750GB Hard Drive	0A65616	ann 11/29/11
Lenovo® Slim USB Portable DVD Burner	0A33988	ann 06/14/11

ThinkPad Expansion

USB 2.0 Port Replicator with Digital Video	0A33942	ann 03/22/11
ThinkPad USB 3.0 Dock	0A33970	ann 05/15/12
Lenovo Essential Notebook Stand	45J9292	ann 05/12/09

Keyboard

TrackPoint Cap Collection	73P2698	ann 12/16/03
Ultraslim Plus Wireless Keyboard and Mouse ⁵²	0A34032	ann 04/05/11
USB Numeric Keypad	33L3225	ann 05/01/00
Preferred Pro USB Keyboard	73P5220	ann 06/21/05
Enhanced Performance USB Keyboard	73P2620	ann 03/23/04
ThinkPad USB Keyboard with TrackPoint	55Y9003	ann 08/18/09
Lenovo USB Fingerprint Keyboard	73P4730	ann 02/22/05
Lenovo USB Smartcard Keyboard	51J0155	ann 03/24/09

⁵² Wireless via 2.4GHz technology using a micro-size USB receiver.

Mouse

Lenovo Optical Mouse (USB)	06P4069	ann 05/21/03
Lenovo Laser Mouse (USB)	41U3074	ann 01/23/07
ThinkPad USB Laser Mouse	57Y4635	ann 12/15/09
Lenovo ScrollPoint® Mouse (USB, Optical)	31P7405	ann 08/27/02
ThinkPad Travel Mouse (USB, Optical)	31P7410	ann 06/04/02
Lenovo Wireless Laser Mouse ⁵²	0A36188	ann 12/20/11

Multimedia

ThinkPad In-Ear Headphones with microphone	57Y4488	ann 01/07/10
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Tablet

ThinkPad Helix Digitizer Pen ⁷³	0A33910	ann 01/29/13
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⁷³ The ThinkPad Helix models without Tablet Pen can not support pen input function via *ThinkPad Helix Digitizer Pen (0A33910)*

Modem

USB 2.0 Lenovo Modem	43R1814	ann 02/26/08
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Ethernet

Lenovo USB 2.0 Ethernet Adapter	0A36322	ann 08/14/12
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Security

3M ThinkPad Helix Privacy Filter (4-way)	4Z10A23288	ann 03/26/13
3M ThinkPad Helix Anti-glare Screen Protector	4Z10A23289	ann 03/26/13
USB Gemplus GemPC Smart Card Reader	41N3040	ann 02/21/06

Power Adapters

ThinkPad 45W AC Adapter	0B47030	ann 01/29/13
90W Ultraslim AC/DC Combo Adapter ⁷⁰	41R4493	ann 09/22/09

⁷⁰ Requires the *Lenovo Slim Power Tip 0B47048*

More info at www.lenovo.com/support/poweradapters

Charging tips for 90W Ultraslim AC/DC Combo Adapter 41R4493

•Lenovo Slim Power Tip	0B47048	ann 08/14/12
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More information at www.lenovopowertips.com

Carrying Cases

Up to 12.5" widescreen models:

ThinkPad 12.5" Ultrabook Topload	0B47416	ann 12/04/12
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Up to 14" widescreen models:

ThinkPad Ultralight Backpack	0B47306	ann 12/11/12
ThinkPad Ultralight Topload	0B47307	ann 12/11/12

Up to 15.6" widescreen models:

Lenovo Messenger Max	41U5253	ann 05/01/07
Lenovo Performance BackPack	41U5254	ann 05/01/07
ThinkPad Business Topload Case	43R2476	ann 05/13/08
ThinkPad Business Backpack	43R2482	ann 05/13/08
ThinkPad Deluxe Expander Case	43R2478	ann 05/13/08
ThinkPad Executive Leather Case	43R2480	ann 05/13/08
Lenovo Sport Backpack - Red	0A33896	ann 02/28/12
Lenovo Sport Slimcase - Red	0A33897	ann 02/28/12
Lenovo Sport Messenger - Red	0A33898	ann 02/28/12
Lenovo Sport Backpack - Blue	0B47298	ann 08/28/12
Lenovo Sport Slimcase - Blue	0B47300	ann 08/28/12
Lenovo Sport Messenger - Blue	0B47299	ann 08/28/12
Lenovo Sport Backpack - Grey	0B47301	ann 08/28/12
Lenovo Sport Slimcase - Grey	0B47303	ann 08/28/12
Lenovo Sport Messenger - Grey	0B47302	ann 08/28/12

More information at www.lenovo.com/support/cases

Monitor Accessories⁴⁶

Lenovo Mini-DisplayPort to VGA Monitor Cable	0A36536	ann 05/17/11
Mini-DisplayPort to Single-link DVI Monitor Cable	0B47090	ann 06/26/12
Mini-DisplayPort to DisplayPort Monitor Cable	0B47091	ann 07/24/12
Lenovo USB Soundbar	0A36190	ann 05/01/12
Lenovo Easy Reach Monitor Stand	55Y9258	ann 09/22/09

⁴⁶ Compatible on selected Lenovo and ThinkVision monitors.

More information at www.lenovo.com/support/monitoraccessories

For more information on accessories:

www.lenovo.com/accessories

Purchase Lenovo accessories

www.lenovo.com/support/accessories

Product specifications on Lenovo Support

www.lenovo.com/accessoriesguide

Option Compatibility Matrix (OCM) and accessory brochures

www.lenovoquickpick.com

An Options Compatibility Configurator for Lenovo systems



Lenovo® ThinkPad Yoga 11e



Lenovo ThinkPad Yoga 11e



Lenovo ThinkPad Yoga 11e



Lenovo ThinkPad Yoga 11e



Lenovo ThinkPad Yoga 11e

ThinkPad Yoga 11e 20D9 (TopSeller)

Product Specifications Reference (PSREF)

Type-model	Processor	Memory	Graphics	Widescreen display	Multi-touch	Camera	Top color	Storage	M.2 Card WLAN	M.2 Card WWAN/SSD	SIM card	Finger print reader	battery cells	Power Adapter (watt)	Preload	Base Warranty (year)	Global	Ann Date (m/y)
20D9000RUS	N2930	4GB	Intel HD	11.6" HD	Multi	720p	Black	500G 7200	7260 a/b/g/n	None	None	None	4	45W	Win8.1 64	1-Depot	No	06/14
20D9000XUS	N2930	4GB	Intel HD	11.6" HD	Multi	720p	Black	320G 7200	7260 a/b/g/n	None	None	None	4	45W	Win8.1 64	1-Depot	No	06/14
20D9000UUS	N2930	4GB	Intel HD	11.6" HD	Multi	720p	Black	128G SSD	7260 a/b/g/n	None	None	None	4	45W	Win8.1 64	1-Depot	No	06/14
20D9000WUS	N2930	4GB	Intel HD	11.6" HD	Multi	720p	Black	128G SSD	7260 a/b/g/n	None	None	None	4	45W	Win8.1 P64	1-Depot	No	06/14
20D9000VUS	N2930	4GB	Intel HD	11.6" HD	Multi	720p	Black	320G 7200	7260 a/b/g/n	None	None	None	4	45W	Win8.1 P64	1-Depot	No	06/14
20D9000QUS	N2930	4GB	Intel HD	11.6" HD	Multi	720p	Black	500G 7200	7260 a/b/g/n	None	None	None	4	45W	Win8.1 P64	1-Depot	No	06/14
20D9001AUS	N2940	4GB	Intel HD	11.6" HD	Multi	720p	Black	128G SSD	7260 ac	None	None	None	4	45W	Win8.1 P64	1-Depot	No	12/14
20D90019US	N2940	4GB	Intel HD	11.6" HD	Multi	720p	Black	500G 7200	7260 ac	None	None	None	4	45W	Win8.1 P64	1-Depot	No	12/14
20D90018US	N2940	4GB	Intel HD	11.6" HD	Multi	720p	Black	320G 7200	7260 ac	None	None	None	4	45W	Win8.1 P64	1-Depot	No	12/14

Processor	Intel® Celeron® processor N2930 or N2940									Chipset		Intel SoC (System on Chip) platform								
	Processor Number	# of Cores	# of Threads	Clock Speed	Burst Frequency	Cache	Memory speed	Processor Graphics	Intel vPro Technology	Smart Card Reader	None	4-in-1 reader (MMC, SD, SDHC, SDXC)								
	N2930	4	4	1.83 GHz	2.16 GHz	2MB	DDR3L-1333	Intel HD graphics	No	Multicard Reader	One USB 3.0, one powered USB 2.0, HDMI, ethernet (RJ-45)	Power button, volume control button								
	N2940	4	4	1.83 GHz	2.25 GHz	2MB	DDR3L-1333	Intel HD graphics	No	Ports	Power button, volume control button	Control buttons								
Memory	8GB max / PC3-12800 1600MHz DDR3L, non-parity, one 204-pin SO-DIMM socket * System automatically clocks down for processors w/ lower memory controller									WLAN ⁴	TP 11b/g/n: ThinkPad 11b/g/n, 2x2, Wi-Fi + BT, M.2 Card 7260 a/b/g/n: Intel Dual Band Wireless-N 7260, 2x2, Wi-Fi + BT, M.2 Card 7260 ac: Intel Dual Band Wireless-AC 7260, 2x2, Wi-Fi + BT, M.2 Card									
Storage	Some: SSD / SATA 3.0Gb/s, 2.5" wide, 7mm high, Some: HDD / SATA 3.0Gb/s, 2.5" wide, 7mm high, Active Protection System™									WWAN	None									
Widescreen display	11.6" (295mm) HD (1366x768) TFT color , LED backlight, 270 nits, 16:9 aspect ratio, 800:1 contrast ratio, IPS									Bluetooth™	Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter									
MultiTouch	Yes, support 10 fingers									Ethernet	Realtek RTL8111GUS-CG Gigabit Network Connection									
Hinge	Yoga hinge, 360 degree									NFC	None									
Camera (optional)	HD720p resolution, low light sensitive									Security	Power-on password, hard disk password, supervisor password, security keyhole									
Graphics	Intel HD Graphics in processor, supports external digital monitor via HDMI™, supports dual independent display; Max resolution: 1920x1080 (HDMI) @60Hz									Security chip	None									
Dimensions ³	11.6W" (WxDxH): 11.81" x 8.50" x 0.90"; 300mm x 216mm x 22.9mm									vPro & iAMT	None									
Weight ²	from 3.5 lb (1.59kg)									Fingerprint reader	None									
Case color	Display cover: Graphite Black or Silver Bottom: Graphite Black									Limited warranty ¹² 1-year - depot repair service / service upgrades ²² available For Lenovo service upgrade options, please go to P_C-AQP sheet										
Case material	Display cover: PolyCarbonate/Glass-Fiber Reinforced Plastic; Bottom: PolyCarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic									Preload	Some: Windows 8.1 64-bit Some: Windows 8.1 Pro 64-bit • Lenovo Solution Center • Lenovo Support - Metro • Lenovo QuickCast - Metro • Lenovo Companion - Metro • ThinkVantage System Update • Lenovo Reach • AccuWeather • Amazon Kindle • Nitro Pro • Evernote • Skype • Rara Streaming • Norton Studio • Microsoft Office preloaded; purchase a product key to activate • Norton Internet Security (30 days of virus definitions)									
Battery - type	Integrated Lithium Ion 4-cell (35Wh)									Environment	EPEAT™ Gold; ENERGY STAR® 6.0; GREENGUARD®; RoHS-compliant									
Battery - life ¹⁰	Models		Windows 7			Windows 8														
	MobileMark® 2007		-			9.0 hr														
	MobileMark 2012		-			6.5 hr														
AC adapter	45-watt AC adapter																			
Audio support	HD Audio, Realtek® ALC283 codec, Dolby® Advanced Audio™ v2 / stereo speakers, 2W x 2 / monaural digital microphone, combo audio/mic jack																			
Keyboard	ThinkPad Windows keyboard, 6-row, multimedia Fn keys																			
Touchpad	Buttonless touchpad below keyboard, multi-touch																			
ThinkLight™	None																			

See footnotes for more detailed information

ThinkPad Yoga 11e 20DA

Type-model	Processor	Memory	Graphics	Widescreen display	Multi-touch	Camera	Top color	Storage	M.2 Card WLAN	M.2 Card WWAN/SSD	SIM card	Finger print reader	battery cells	Power Adapter (watt)	Preload	Base Warranty (year)	Global	Ann Date (m/y)
20DA001GUS	N2930	4GB	Intel HD	11.6" HD	Multi	720p	Black	500G 7200	7260 a/b/g/n	None	None	None	4	45W	Win8.1 P64	1-Depot	No	06/14
20DA001FUS	N2930	4GB	Intel HD	11.6" HD	Multi	720p	Black	320G 7200	7260 a/b/g/n	None	None	None	4	45W	Win8.1 P64	1-Depot	No	06/14
20DA001JUS	N2930	4GB	Intel HD	11.6" HD	Multi	720p	Black	320G 7200	7260 a/b/g/n	None	None	None	4	45W	Win8.1 P64	1-Depot	No	06/14
20DA001KUS	N2930	4GB	Intel HD	11.6" HD	Multi	720p	Black	500G 7200	7260 a/b/g/n	None	None	None	4	45W	Win8.1 P64	1-Depot	No	06/14
20DA001HUS	N2930	4GB	Intel HD	11.6" HD	Multi	720p	Black	128G SSD	7260 a/b/g/n	None	None	None	4	45W	Win8.1 P64	1-Depot	No	06/14
20DA001LUS	N2930	4GB	Intel HD	11.6" HD	Multi	720p	Black	128G SSD	7260 a/b/g/n	None	None	None	4	45W	Win8.1 P64	1-Depot	No	06/14
20DA0022US	N2940	4GB	Intel HD	11.6" HD	Multi	720p	Black	500G 7200	7260 ac	None	None	None	4	45W	Win8.1 P64	1-Depot	No	12/14
20DA0021US	N2940	4GB	Intel HD	11.6" HD	Multi	720p	Black	128G SSD	7260 ac	None	None	None	4	45W	Win8.1 P64	1-Depot	No	12/14
20DA0023US	N2940	4GB	Intel HD	11.6" HD	Multi	720p	Black	320G 7200	7260 ac	None	None	None	4	45W	Win8.1 P64	1-Depot	No	12/14

Processor	Intel® Celeron® processor N2930									Chipset		Intel SoC (System on Chip) platform							
	Processor Number	# of Cores	# of Threads	Clock Speed	Burst Frequency	Cache	Memory speed	Processor Graphics	Intel vPro Technology	Smart Card Reader	None	Multicard Reader 4-in-1 reader (MMC, SD, SDHC, SDXC)							
	N2930	4	4	1.83 GHz	2.16 GHz	2MB	DDR3L-1333	Intel HD graphics	No	Ports	One USB 3.0, one powered USB 2.0, HDMI, ethernet (RJ-45)								
	N2940	4	4	1.83 GHz	2.25 GHz	2MB	DDR3L-1333	Intel HD graphics	No	Control buttons	Power button, volume control button								
Memory	8GB max / PC3-12800 1600MHz DDR3L, non-parity, one 204-pin SO-DIMM socket * System automatically clocks down for processors w/ lower memory controller									WLAN ⁴	TP 11b/g/n: ThinkPad 11b/g/n, 2x2, Wi-Fi + BT, M.2 Card 7260 a/b/g/n: Intel Dual Band Wireless-N 7260, 2x2, Wi-Fi + BT, M.2 Card 7260 ac: Intel Dual Band Wireless-AC 7260, 2x2, Wi-Fi + BT, M.2 Card								
Storage	Some: SSD / SATA 3.0Gb/s, 2.5" wide, 7mm high, Some: HDD / SATA 3.0Gb/s, 2.5" wide, 7mm high, Active Protection System™									WWAN	None								
Widescreen display	11.6" (295mm) HD (1366x768) TFT color, LED backlight, 270 nits, 16:9 aspect ratio, 800:1 contrast ratio, IPS									Bluetooth™	Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter								
MultiTouch	Yes, support 10 fingers									Ethernet	Realtek RTL8111GUS-CG Gigabit Network Connection								
Hinge	Yoga hinge, 360 degree									NFC	None								
Camera (optional)	HD720p resolution, low light sensitive									Security	Power-on password, hard disk password, supervisor password, security keyhole								
Graphics	Intel HD Graphics in processor, supports external digital monitor via HDMI™, supports dual independent display; Max resolution: 1920x1080 (HDMI) @60Hz									Security chip	None								
Dimensions ³	11.6W" (WxDxH): 11.81" x 8.50" x 0.90"; 300mm x 216mm x 22.9mm									vPro & iAMT	None								
Weight ²	from 3.5 lb (1.59kg)									Fingerprint reader	None								
Case color	Display cover: Graphite Black or Silver Bottom: Graphite Black									Limited warranty ¹² 1-year - depot repair service / service upgrades ²² available For Lenovo service upgrade options, please go to P_C-AQP sheet									
Case material	Display cover: PolyCarbonate/Glass-Fiber Reinforced Plastic; Bottom: PolyCarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic									Preload	Some: Windows 8.1 64-bit Some: Windows 8.1 Pro 64-bit • Lenovo Solution Center • Lenovo Support - Metro • Lenovo QuickCast - Metro • Lenovo Companion - Metro • ThinkVantage System Update • Lenovo Reach • AccuWeather • Amazon Kindle • Nitro Pro • Evernote • Skype • Rara Streaming • Norton Studio • Microsoft Office preloaded; purchase a product key to activate • Norton Internet Security (30 days of virus definitions)								
Battery - type	Integrated Lithium Ion 4-cell (35Wh)									Environment	EPEAT™ Gold; ENERGY STAR® 6.0; GREENGUARD®; RoHS-compliant								
Battery - life ¹⁰	Models		Windows 7			Windows 8													
	MobileMark® 2007		-			9.0 hr													
	MobileMark 2012		-			6.5 hr													
AC adapter	45-watt AC adapter																		
Audio support	HD Audio, Realtek® ALC283 codec, Dolby® Advanced Audio™ v2 / stereo speakers, 2W x 2 / monaural digital microphone, combo audio/mic jack																		
Keyboard	ThinkPad Windows keyboard, 6-row, multimedia Fn keys																		
Touchpad	Buttonless touchpad below keyboard, multi-touch																		
ThinkLight™	None																		

See footnotes for more detailed information



Lenovo® ThinkPad Yoga 11e Chromebook



Lenovo ThinkPad Yoga 11e Chromebook



Lenovo ThinkPad Yoga 11e Chromebook

ThinkPad Yoga 11e Chromebook 20DU (TopSeller)

Product Specifications Reference (PSREF)

Type-model	Processor	Memory	Graphics	Widescreen display	Multi-touch	Camera	Top color	Storage	M.2 Card WLAN	M.2 Card WWAN/SSD	SIM card	Finger print reader	battery cells	Power Adapter (watt)	Preload	Base Warranty (year)	Global	Ann Date (m/y)
20DU0008US	N2930	4GB	Intel HD	11.6" HD	Multi	720p	Black	16GB eMMC	7260 ac	None	None	None	4	45W	Chrome	1-Depot	No	06/14
20DU000AUS	N2940	4GB	Intel HD	11.6" HD	Multi	720p	Black	16GB eMMC	7260 ac	None	None	None	4	45W	Chrome	1-Depot	No	12/14

Processor	Intel® Celeron® processor N2930 or N2940									Audio support	HD Audio, Maxim MAX98090AETL+T codec / stereo speakers, 2W x 2 / monaural digital microphone, combo audio/mic jack							
	Processor Number	# of Cores	# of Threads	Clock Speed	Burst Frequency	Cache	Memory speed	Processor Graphics	Intel vPro Technology	Keyboard	ThinkPad Chrome keyboard, 6-row, multimedia Fn keys							
	N2930	4	4	1.83 GHz	2.16 GHz	2MB	DDR3L-1333	Intel HD graphics	No	Touchpad	Buttonless touchpad below keyboard, multi-touch							
	N2940	4	4	1.83 GHz	2.25 GHz	2MB	DDR3L-1333	Intel HD graphics	No	ThinkLight™	None							
										Chipset	Intel SoC (System on Chip) platform							
Memory	2GB or 4GB / DDR3L-1600MHz / soldered to systemboard, no sockets * System automatically clocks down for processors w/ lower memory controller									Smart Card Read	None							
Storage	16GB eMMC (embedded Multi Media Card) flash memory on board									Multicard Reader	4-in-1 reader (MMC, SD, SDHC, SDXC)							
Widescreen display	11.6" (295mm) HD (1366x768) TFT color , LED backlight, 270 nits, 16:9 aspect ratio, 800:1 contrast ratio, IPS									Ports	One USB 3.0, one USB 2.0, HDMI							
MultiTouch	Yes, support 10 fingers									Control buttons	Power button, volume control button							
Hinge	Yoga hinge, 360 degree									WLAN ⁴	<i>TP 11a/b/g/n</i> : ThinkPad 11a/b/g/n, 2x2, Wi-Fi + BT, M.2 Card <i>7260 ac</i> : Intel Dual Band Wireless-AC 7260, 2x2, Wi-Fi + BT, M.2 Card							
Camera	HD720p resolution, low light sensitive									WWAN	None							
Graphics	Intel HD Graphics in processor, supports external digital monitor via HDMI™, supports dual independent display; <i>Max resolution</i> : 1920x1080 (HDMI) @60Hz									Bluetooth™	Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter							
Dimensions ³	11.6W" (WxDxH): 11.81" x 8.50" x 0.90"; 300mm x 216mm x 22.9mm									Ethernet	None							
Weight ²	from 3.31 lb (1.50kg)									NFC	None							
Case color	<i>Display cover</i> : Graphite Black or Silver <i>Bottom</i> : Graphite Black									Security	Security keyhole							
Case material	<i>Display cover</i> : PolyCarbonate/Glass-Fiber Reinforced Plastic; <i>Bottom</i> : PolyCarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic									Security chip	Trusted Platform Module, TCG 1.2-compliant							
Battery - type	Integrated Lithium Ion 4-cell (35Wh)									vPro & iAMT	None							
Battery - life ¹⁰	more than 8 hours									Fingerprint reader	None							
AC adapter	45-watt AC adapter									Limited warranty ¹²	1-year - depot repair service / service upgrades ²² available <i>For Lenovo service upgrade options, please go to P-C-AQP sheet</i>							
										Preload	Google Chrome OS							
										Environment	EPEAT™ Gold; ENERGY STAR® 6.0; GREENGUARD®; RoHS-compliant							

See footnotes for more detailed information

ThinkPad Yoga 11e Chromebook 20DB

Product Specifications Reference (PSREF)

Type-model	Processor	Memory	Graphics	Widescreen display	Multi-touch	Camera	Top color	Storage	M.2 Card WLAN	M.2 Card WWAN/SSD	SIM card	Finger print reader	battery cells	Power Adapter (watt)	Preload	Base Warranty (year)	Global	Ann Date (m/y)
20DB000CUS	N2930	4GB	Intel HD	11.6" HD	Multi	720p	Black	16GB eMMC	7260 ac	None	None	None	4	45W	Chrome	1-Depot	No	06/14
20DB000GUS	N2940	4GB	Intel HD	11.6" HD	Multi	720p	Black	16GB eMMC	7260 ac	None	None	None	4	45W	Chrome	1-Depot	No	12/14

Processor	Intel® Celeron® processor N2930 or N2940									Audio support	HD Audio, Maxim MAX98090AETL+T codec / stereo speakers, 2W x 2 / monaural digital microphone, combo audio/mic jack							
	Processor Number	# of Cores	# of Threads	Clock Speed	Burst Frequency	Cache	Memory speed	Processor Graphics	Intel vPro Technology	Keyboard	ThinkPad Chrome keyboard, 6-row, multimedia Fn keys							
	N2930	4	4	1.83 GHz	2.16 GHz	2MB	DDR3L-1333	Intel HD graphics	No	Touchpad	Buttonless touchpad below keyboard, multi-touch							
	N2940	4	4	1.83 GHz	2.25 GHz	2MB	DDR3L-1333	Intel HD graphics	No	ThinkLight™	None							
Memory	2GB or 4GB / DDR3L-1600MHz / soldered to systemboard, no sockets * System automatically clocks down for processors w/ lower memory controller									Chipset	Intel SoC (System on Chip) platform							
Storage	16GB eMMC (embedded Multi Media Card) flash memory on board									Smart Card Read	None							
Widescreen display	11.6" (295mm) HD (1366x768) TFT color , LED backlight, 270 nits, 16:9 aspect ratio, 800:1 contrast ratio, IPS									Multicard Reader	4-in-1 reader (MMC, SD, SDHC, SDXC)							
MultiTouch	Yes, support 10 fingers									Ports	One USB 3.0, one USB 2.0, HDMI							
Hinge	Yoga hinge, 360 degree									Control buttons	Power button, volume control button							
Camera	HD720p resolution, low light sensitive									WLAN ⁴	<i>TP 11a/b/g/n</i> : ThinkPad 11a/b/g/n, 2x2, Wi-Fi + BT, M.2 Card <i>7260 ac</i> : Intel Dual Band Wireless-AC 7260, 2x2, Wi-Fi + BT, M.2 Card							
Graphics	Intel HD Graphics in processor, supports external digital monitor via HDMI™, supports dual independent display; <i>Max resolution</i> : 1920x1080 (HDMI) @60Hz									WWAN	None							
Dimensions ³	<i>11.6W" (WxDxH)</i> : 11.81" x 8.50" x 0.90"; 300mm x 216mm x 22.9mm									Bluetooth™	Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter							
Weight ²	from 3.31 lb (1.50kg)									Ethernet	None							
Case color	<i>Display cover</i> : Graphite Black or Silver <i>Bottom</i> : Graphite Black									NFC	None							
Case material	<i>Display cover</i> : PolyCarbonate/Glass-Fiber Reinforced Plastic; <i>Bottom</i> : PolyCarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic									Security	Security keyhole							
Battery - type	Integrated Lithium Ion 4-cell (35Wh)									Security chip	Trusted Platform Module, TCG 1.2-compliant							
Battery - life ¹⁰	more than 8 hours									vPro & iAMT	None							
AC adapter	45-watt AC adapter									Fingerprint reader	None							
										Limited warranty ¹²	1-year - depot repair service / service upgrades ²² available <i>For Lenovo service upgrade options, please go to P-C-AQP sheet</i>							
										Preload	Google Chrome OS							
										Environment	EPEAT™ Gold; ENERGY STAR® 6.0; GREENGUARD®; RoHS-compliant							

See footnotes for more detailed information



Lenovo® ThinkPad Yoga



Lenovo ThinkPad Yoga



Lenovo ThinkPad Yoga



Lenovo ThinkPad Yoga



Lenovo ThinkPad Yoga



Lenovo ThinkPad Yoga

ThinkPad Yoga (20CD) - TopSeller

Product Specifications Reference (PSREF)

Type-model	Processor	Memory	Widescreen display	Screen type	Pen	Camera	Disk SATA GB ³ rpm	PCIe Mini Card WLAN	M.2 Card SSD	SIM card	Top color	Battery cells	Preload	Ann date (mm/yy)
20CD0002US	i7-4500U	8GB	12.5" HD	anti-smudge	None	720p	256G SSD	Intel 7260 + BT	None	None	Black	8	Win8.1 64	11/13
20CD000GUS	i3-4010U	4GB	12.5" HD	anti-smudge	None	720p	500G 5400	Intel 7260 ac + BT	16GB	None	Black	8	Win8.1 Pro64	11/13
20CD000HUS	i5-4200U	4GB	12.5" HD	anti-smudge	None	720p	500G 5400	Intel 7260 ac + BT	16GB	None	Black	8	Win8.1 Pro64	11/13
20CD000KUS	i7-4500U	8GB	12.5" HD	anti-smudge	None	720p	500G 5400	Intel 7260 ac + BT	16GB	None	Black	8	Win8.1 Pro64	11/13
20CD000MUS	i5-4200U	8GB	12.5" FHD	anti-glare	Pen	720p	500G 5400	Intel 7260 ac + BT	16GB	None	Black	8	Win8.1 Pro64	11/13
20CD000NUS	i5-4200U	4GB	12.5" FHD	anti-glare	Pen	720p	256G SSD	Intel 7260 ac + BT	None	None	Black	8	Win8.1 Pro64	11/13
20CD002FUS	i5-4200U	4GB	12.5" HD	anti-smudge	None	720p	256G SSD	Intel 7260 ac + BT	None	None	Black	8	Win8.1 Pro64	11/13
20CD00AYUS	i7-4500U	8GB	12.5" FHD	anti-glare	Pen	720p	500G 7200	Intel 7260 ac + BT	16GB	None	Black	8	Win8.1 Pro64	01/14
20CD00C5US	i7-4500U	8GB	12.5" FHD	anti-glare	Pen	720p	256G SSD	Intel 7260 ac + BT	None	None	Black	8	Win7 Pro64	01/14
20CD00CHUS	i5-4200U	4GB	12.5" HD	anti-smudge	None	720p	500G 7200	Intel 7260 ac + BT	16GB	None	Black	8	Win8.1 Pro64	02/14
20CD00CGUS	i3-4010U	4GB	12.5" HD	anti-smudge	None	720p	500G 7200	Intel 7260 ac + BT	16GB	None	Black	8	Win8.1 Pro64	02/14
20CD00DPUS	i3-4030U	4GB	12.5" HD	anti-smudge	None	720p	500G 7200	Intel 7260 ac + BT	16GB	None	Black	8	Win8.1 Pro64	05/14
20CD00DQUS	i5-4210U	4GB	12.5" HD	anti-smudge	None	720p	500G 7200	Intel 7260 ac + BT	16GB	None	Black	8	Win8.1 Pro64	05/14

Positioning	<i>Convertible tablet; one spindle</i>											Preloaded operating system²⁰ - <i>Some:</i> Windows [®] 7 Professional 64 preinstalled through downgrade rights in Windows 8.1 Pro 64-bit - <i>Some:</i> Windows 8.1 64-bit - <i>Some:</i> Windows 8.1 Pro 64-bit Preloaded applications¹⁴ (only some listed, for Windows 8.1 models) • Lenovo Support • Lenovo Companion • Lenovo Cloud Storage • Password Manager • ThinkVantage System Update • Norton [™] Internet Security (30 days of virus definitions) • Microsoft Office preloaded; purchase a product key to activate • Skype [™]
Processor	Intel[®] Core[™] i3-4010U processor (2 cores, 1.70GHz, 3MB Cache), Intel HD Graphics 4400 , DDR3 memory controller (up to 1600MHz), HT technology Intel Core i3-4030U processor (2 cores, 1.90GHz, 3MB Cache), Intel HD Graphics 4400 , DDR3 memory controller (up to 1600MHz), HT technology Intel Core i5-4200U processor (2 cores, 1.60GHz, 3MB Cache), Intel HD Graphics 4400 , DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (2.60GHz), HT technology Intel Core i5-4210U processor (2 cores, 1.70GHz, 3MB Cache), Intel HD Graphics 4400 , DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (2.70GHz), HT technology Intel Core i7-4500U processor (2 cores, 1.80GHz, 4MB Cache), Intel HD Graphics 4400 , DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (3.00GHz), HT technology											
Memory	4GB or 8GB / PC3-12800 1600MHz DDR3L / soldered to systemboard, no SO-DIMM sockets											
Optical	None											
SATA disk	<i>Some:</i> Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" wide, 7mm high <i>Some:</i> Hard Disk Drive / SATA 3.0Gb/s, 2.5" wide, 7mm high, Active Protection System [™] <i>Some:</i> M.2 Solid State Drive (SSD), via M.2 Card slot											
M.2 SSD												
Widescreen display	<i>Some:</i> 12.5" (317.5mm) HD (1366x768) TFT color , smudgeless, 10-point touch screen LED backlight, 300 nits, 16:9 aspect ratio, IPS; <i>Some:</i> 12.5" (317.5mm) FHD (1920x1080) TFT color , smudgeless, 10-point touch screen LED backlight, 400 nits, 16:9 aspect ratio, IPS; <i>Some:</i> 12.5" (317.5mm) FHD (1920x1080) TFT color , anti-glare, 10-point touch screen with Pen, LED backlight, 400 nits, 16:9 aspect ratio, IPS HD720p resolution, wide view angle, low light sensitive, face tracking, fixed focus											
Camera	HD720p resolution, wide view angle, low light sensitive, face tracking, fixed focus											
Graphics	Intel HD Graphics 4400 in processor, supports external digital monitor via Mini HDMI; supports dual independent display; <i>Maximum external resolution:</i> 1920x1200 (Mini HDMI)@60Hz											
Keyboard	6-row, 83-key, spill-resistant, multimedia Fn keys, LED backlight											
TrackPoint [®]	TrackPoint pointing device											
Touchpad	UltraNav [™] , wide touchpad below keyboard, integrated five buttons, multi-touch											
Light sensor	Ambient light sensor											
ThinkLight [™]	None											
Dimensions ³	<i>8-cell:</i> 12.44" x 8.70" x 0.74"; 316mm x 221mm x 18.8mm <i>8-cell with Pen:</i> 12.44" x 8.70" x 0.76"; 316mm x 221mm x 19.4mm											
Weight ²	<i>8-cell:</i> from 3.46 lb (1.57kg) <i>8-cell with Pen:</i> from 3.59 lb (1.63kg)											
Case material	<i>Display cover:</i> Magnesium and Aluminum + Polyphenylene sulfide (PPS); <i>Bottom:</i> Magnesium and Aluminum + Polyphenylene sulfide (PPS);											
Battery - type	Integrated Li-Polymer 8-cell, HW Authentication											
Battery - life ¹⁰	<i>8-cell (47Whr):</i> up to 7.0 hr											
Multicard Reader	4-in-1 reader (SD, SDHC, SDXC, MMC)											
ExpressCard	None											
Ports	Two USB 3.0(one powered), external monitor (mini-HDMI)											
PCIe Mini Card	One PCI Express Mini Card slot											
PCIe WLAN ⁴	<i>Some:</i> 11b/g/n, PCIe Half Mini Card, Intel Wireless-N 7260, Wi-Fi + Bluetooth combo adapter, 2x2 <i>Some:</i> 11ac, PCIe Half Mini Card, Intel Dual Band Wireless-AC 7260, Wi-Fi + Bluetooth combo adapter, 2x2											
M.2 Card	One M.2 Card slot for support of SSD											
WWAN	None											
Bluetooth [™]	Bluetooth 4.0 wireless, integrated in WLAN PCIe Half Mini Card											
Ethernet	None											
Intel AMT	None											
Audio support	High Definition (HD) Audio, Conexant CX20751 codec / stereo speakers, 2 watt x 2, Dolby [®] Home Theater [®] v4 certified / volume up, down, mute buttons / dual array microphone, combo audio/mic jack											
Security	Power-on password, hard disk password, supervisor password, security keyhole											
Security chip	Trusted Platform Module, TCG 1.2-compliant											
Fingerprint reader	None											
Limited warranty ¹²	1-year - depot repair service / service upgrades ²² available											

See footnotes for more detailed information

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ThinkPad Yoga (20CD) - TopSeller - II

Product Specifications Reference (PSREF)

Type-model	Processor	Memory	Widescreen display	Screen type	Pen	Camera	Disk SATA GB ³ rpm	PCIe Mini Card WLAN	M.2 Card SSD	Top color	Battery cells	Preload	Ann date (mm/yy)
20CD002HUS	i7-4500U	8GB	12.5" HD	anti-smudge	None	720p	256G SSD	Intel 7260 ac + BT	None	Black	8	Win8.1 Pro64	11/13
20CD002PUS	i5-4200U	4GB	12.5" HD	anti-smudge	None	720p	128G SSD	Intel 7260 + BT	None	Black	8	Win8.1 64	11/13
20CD002QUS	i5-4200U	4GB	12.5" FHD	anti-glare	Pen	720p	128G SSD	Intel 7260 + BT	None	Black	8	Win8.1 64	11/13
20CD002RUS	i7-4500U	8GB	12.5" FHD	anti-glare	Pen	720p	256G SSD	Intel 7260 + BT	None	Black	8	Win8.1 64	11/13
20CD002SUS	i5-4200U	4GB	12.5" HD	anti-smudge	None	720p	180G SSD OPAL	Intel 7260 ac + BT	None	Black	8	Win8.1 Pro64	11/13
20CD002TUS	i5-4200U	4GB	12.5" FHD	anti-glare	Pen	720p	180G SSD OPAL	Intel 7260 ac + BT	None	Black	8	Win8.1 Pro64	11/13
20CD002UUS	i7-4500U	8GB	12.5" HD	anti-smudge	None	720p	180G SSD OPAL	Intel 7260 ac + BT	None	Black	8	Win8.1 Pro64	11/13
20CD002VUS	i7-4500U	8GB	12.5" FHD	anti-glare	Pen	720p	180G SSD OPAL	Intel 7260 ac + BT	None	Black	8	Win8.1 Pro64	11/13
20CD00AYUS	i7-4500U	8GB	12.5" FHD	anti-glare	Pen	720p	500G 7200	Intel 7260 ac + BT	16GB	Black	8	Win8.1 Pro64	12/13
20CD00B0US	i7-4500U	8GB	12.5" FHD	anti-glare	Pen	720p	256G SSD	Intel 7260 ac + BT	None	Black	8	Win8.1 Pro64	12/13
20CD00EGUS	i5-4200U	8GB	12.5" FHD	anti-glare	Pen	720p	180G SSD OPAL	Intel 7260 ac + BT	None	Black	8	Win7 Pro64	09/14

Positioning	<i>Convertible tablet; one spindle</i>										Preloaded operating system²⁰ - Some: Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8.1 Pro 64-bit - Some: Windows 8.1 64-bit - Some: Windows 8.1 Pro 64-bit Preloaded applications¹⁴ (only some listed, for Windows 8.1 models) <ul style="list-style-type: none"> • Lenovo Support • Lenovo Companion • Lenovo Cloud Storage • Password Manager • ThinkVantage System Update • Norton™ Internet Security (30 days of virus definitions) • Microsoft Office preloaded; purchase a product key to activate • Skype™
Processor	Intel® Core™ i5-4200U processor (2 cores, 1.60GHz, 3MB Cache), Intel HD Graphics 4400, DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (2.60GHz), HT technology Intel Core i5-4300U processor (2 cores, 1.90GHz, 3MB Cache), Intel HD Graphics 4400, DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (2.90GHz), HT technology Intel Core i7-4500U processor (2 cores, 1.80GHz, 4MB Cache), Intel HD Graphics 4400, DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (3.00GHz), HT technology Intel Core i7-4600U processor (2 cores, 2.10GHz, 4MB Cache), Intel HD Graphics 4400, DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (3.30GHz), HT technology										
Memory	4GB or 8GB / PC3-12800 1600MHz DDR3L / soldered to systemboard, no SO-DIMM sockets										
Optical	None										
SATA disk	Some: Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" wide, 7mm high Some: Hard Disk Drive / SATA 3.0Gb/s, 2.5" wide, 7mm high, Active Protection System™ Some: M.2 Solid State Drive (SSD), via M.2 Card slot										
M.2 SSD											
Widescreen display	Some: 12.5" (317.5mm) HD (1366x768) TFT color , smudgeless, 10-point touch screen LED backlight, 300 nits, 16:9 aspect ratio, IPS; Some: 12.5" (317.5mm) FHD (1920x1080) TFT color , smudgeless, 10-point touch screen LED backlight, 400 nits, 16:9 aspect ratio, IPS; Some: 12.5" (317.5mm) FHD (1920x1080) TFT color , anti-glare, 10-point touch screen with Pen, LED backlight, 400 nits, 16:9 aspect ratio, IPS HD720p resolution, wide view angle, low light sensitive, face tracking, fixed focus										
Camera	HD720p resolution, wide view angle, low light sensitive, face tracking, fixed focus										
Graphics	Intel HD Graphics 4400 in processor, supports external digital monitor via Mini HDMI; supports dual independent display; <i>Maximum external resolution: 1920x1200 (Mini HDMI) @60Hz</i>										
Keyboard	6-row, 83-key, spill-resistant, multimedia Fn keys, LED backlight										
TrackPoint®	TrackPoint pointing device										
Touchpad	UltraNav™, wide touchpad below keyboard, integrated five buttons, multi-touch										
Light sensor	Ambient light sensor										
ThinkLight™	None										
Dimensions ³	8-cell: 12.44" x 8.70" x 0.74"; 316mm x 221mm x 18.8mm 8-cell with Pen: 12.44" x 8.70" x 0.76"; 316mm x 221mm x 19.4mm										
Weight ²	8-cell: from 3.46 lb (1.57kg) 8-cell with Pen: from 3.59 lb (1.63kg)										
Case material	Display cover: Magnesium and Aluminum + Polyphenylene sulfide (PPS); Bottom: Magnesium and Aluminum + Polyphenylene sulfide (PPS);										
Battery - type	Integrated Li-Polymer 8-cell, HW Authentication										
Battery - life ¹⁰	8-cell (47Whr): up to 7.0 hr										
Multicard Reader	4-in-1 reader (SD, SDHC, SDXC, MMC)										
ExpressCard	None										
Ports	Two USB 3.0(one powered), external monitor (mini-HDMI)										
PCIe Mini Card	One PCI Express Mini Card slot										
PCIe WLAN ⁴	Some: 11b/g/n, PCIe Half Mini Card, Intel Wireless-N 7260, Wi-Fi + Bluetooth combo adapter, 2x2 Some: 11ac, PCIe Half Mini Card, Intel Dual Band Wireless-AC 7260, Wi-Fi + Bluetooth combo adapter, 2x2										
M.2 Card	One M.2 Card slot for support of SSD										
WWAN	None										
Bluetooth™	Bluetooth 4.0 wireless, integrated in WLAN PCIe Half Mini Card										
Ethernet	None										
Intel AMT	None										
Audio support	High Definition (HD) Audio, Conexant CX20751 codec / stereo speakers, 2 watt x 2, Dolby® Home Theater® v4 certified / volume up, down, mute buttons / dual array microphone, combo audio/mic jack										
Security	Power-on password, hard disk password, supervisor password, security keyhole										
Security chip	Trusted Platform Module, TCG 1.2-compliant										
Fingerprint reader	None										
Limited warranty ¹²	1-year - depot repair service / service upgrades ²² available										

See footnotes for more detailed information

ThinkPad Yoga (20CD) - TopSeller - III

Product Specifications Reference (PSREF)

Type-model	Processor	Memory	Widescreen display	Screen type	Pen	Camera	Disk SATA GB ² rpm	PCIe Mini Card WLAN	M.2 Card SSD	M.2 Card SIM card	Top color	Battery cells	Intel vPro	Preload	Ann date (mm/yy)
20CD00BXUS	i5-4300U	4GB	12.5" FHD	anti-glare	Pen	720p	500G 7200	7260 ac + BT	16GB	None	Black	8	vPro	Win8.1 Pro64	01/14
20CD00BYUS	i7-4600U	8GB	12.5" HD	anti-smudge	None	720p	500G 7200	7260 ac + BT	16GB	None	Black	8	vPro	Win8.1 Pro64	01/14
20CD00C0US	i7-4600U	8GB	12.5" FHD	anti-glare	Pen	720p	500G 7200	7260 ac + BT	16GB	None	Black	8	vPro	Win7 Pro64	01/14
20CD00C3US	i5-4300U	4GB	12.5" FHD	anti-glare	Pen	720p	180G OPAL	7260 ac + BT	None	None	Black	8	vPro	Win7 Pro64	01/14
20CD00C1US	i5-4300U	4GB	12.5" HD	anti-smudge	None	720p	180G OPAL	7260 ac + BT	None	None	Black	8	vPro	Win7 Pro64	01/14
20CD00C2US	i7-4600U	8GB	12.5" FHD	anti-glare	Pen	720p	256G SSD	7260 ac + BT	None	None	Black	8	vPro	Win7 Pro64	01/14
20CD00B1US	i7-4600U	8GB	12.5" FHD	anti-glare	Pen	720p	256G SSD	7260 ac + BT	None	None	Black	8	vPro	Win8.1 Pro64	01/14
20CD00AXUS	i7-4600U	8GB	12.5" FHD	anti-glare	Pen	720p	180G OPAL	7260 ac + BT	None	None	Black	8	vPro	Win8.1 Pro64	01/14
20CD00AVUS	i5-4300U	4GB	12.5" FHD	anti-glare	Pen	720p	180G OPAL	7260 ac + BT	None	None	Black	8	vPro	Win8.1 Pro64	01/14
20CD00AWUS	i5-4300U	4GB	12.5" HD	anti-smudge	None	720p	180G OPAL	7260 ac + BT	None	None	Black	8	vPro	Win8.1 Pro64	01/14
20CD00EHUS	i5-4300U	8GB	12.5" FHD	anti-glare	Pen	720p	180G OPAL	7260 ac + BT	None	None	Black	8	vPro	Win7 Pro64	09/14
20CD00BWUS	i5-4300U	8GB	12.5" FHD	anti-glare	Pen	720p	256G SSD	7260 ac + BT	None	None	Black	8	vPro	Win7 Pro64	09/14

Positioning	<i>Convertible tablet; one spindle</i>											Preloaded operating system²⁰			
Processor	Intel® Core™ i5-4300U processor (2 cores, 1.90GHz, 3MB Cache), Intel HD Graphics 4400, DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (2.90GHz), HT technology Intel Core i7-4510U processor (2 cores, 2.00GHz, 4MB Cache), Intel HD Graphics 4400, DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (3.10GHz), HT technology Intel Core i7-4600U processor (2 cores, 2.10GHz, 4MB Cache), Intel HD Graphics 4400, DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (3.30GHz), HT technology											<ul style="list-style-type: none"> - Some: Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8.1 Pro 64-bit - Some: Windows 8.1 64-bit - Some: Windows 8.1 Pro 64-bit 			
Memory	4GB or 8GB / PC3-12800 1600MHz DDR3L / soldered to systemboard, no SO-DIMM sockets											Preloaded applications¹⁴ (only some listed, for Windows 8.1 models)			
Optical SATA disk	None Some: Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" wide, 7mm high Some: Hard Disk Drive / SATA 3.0Gb/s, 2.5" wide, 7mm high, Active Protection System™ Some: M.2 Solid State Drive (SSD), via M.2 Card slot											<ul style="list-style-type: none"> • Lenovo Support • Lenovo Companion • Lenovo Cloud Storage • Password Manager • ThinkVantage System Update • Norton™ Internet Security (30 days of virus definitions) • Microsoft Office preloaded; purchase a product key to activate • Skype™ 			
M.2 SSD															
Widescreen display	Some: 12.5" (317.5mm) HD (1366x768) TFT color , smudgeless, 10-point touch screen LED backlight, 300 nits, 16:9 aspect ratio, IPS; Some: 12.5" (317.5mm) FHD (1920x1080) TFT color , smudgeless, 10-point touch screen LED backlight, 400 nits, 16:9 aspect ratio, IPS; Some: 12.5" (317.5mm) FHD (1920x1080) TFT color , anti-glare, 10-point touch screen with Pen, LED backlight, 400 nits, 16:9 aspect ratio, IPS HD720p resolution, wide view angle, low light sensitive, face tracking, fixed focus														
Camera	HD720p resolution, wide view angle, low light sensitive, face tracking, fixed focus														
Graphics	Intel HD Graphics 4400 in processor, supports external digital monitor via Mini HDMI; supports dual independent display; <i>Maximum external resolution: 1920x1200 (Mini HDMI)@60Hz</i>														
Keyboard	6-row, 83-key, spill-resistant, multimedia Fn keys, LED backlight														
TrackPoint®	TrackPoint pointing device														
Touchpad	UltraNav™, wide touchpad below keyboard, integrated five buttons, multi-touch														
Light sensor	Ambient light sensor														
ThinkLight™	None														
Dimensions ³	8-cell: 12.44" x 8.70" x 0.74"; 316mm x 221mm x 18.8mm 8-cell with Pen: 12.44" x 8.70" x 0.76"; 316mm x 221mm x 19.4mm														
Weight ²	8-cell: from 3.46 lb (1.57kg) 8-cell with Pen: from 3.59 lb (1.63kg)														
Case material	Display cover: Magnesium and Aluminum + Polyphenylene sulfide (PPS); Bottom: Magnesium and Aluminum + Polyphenylene sulfide (PPS);														
Battery - type	Integrated Li-Polymer 8-cell, HW Authentication														
Battery - life ¹⁰	8-cell (47Whr): up to 7.0 hr														
Multicard Reader	4-in-1 reader (SD, SDHC, SDXC, MMC)														
ExpressCard	None														
Ports	Two USB 3.0 (one powered), external monitor (mini-HDMI)														
PCIe Mini Card	One PCI Express Mini Card slot														
PCIe WLAN ⁴	11ac, PCIe Half Mini Card, Intel Dual Band Wireless-AC 7260, Wi-Fi + Bluetooth combo adapter, 2x2														
M.2 Card	One M.2 Card slot for support of SSD														
WWAN	None														
Bluetooth™	Bluetooth 4.0 wireless, integrated in WLAN PCIe Half Mini Card											Supports ThinkVantage® technologies			
Ethernet	None														
Intel AMT	Intel Active Management Technology (iAMT)														
Audio support	High Definition (HD) Audio, Conexant CX20751 codec / stereo speakers, 2 watt x 2, Dolby® Home Theater® v4 certified / volume up, down, mute buttons / dual array microphone, combo audio/mic jack											45-watt AC Adapter ENERGY STAR® compliant ROHS-compliant International Warranty Service ¹⁷ 24 hour x 7 day ¹⁸ toll-free support during the warranty period ¹²			
Security	Power-on password, hard disk password, supervisor password, security keyhole														
Security chip	Trusted Platform Module, TCG 1.2-compliant														
Fingerprint reader	None											For Lenovo ²² service upgrade options, please go to S-EDGE sheet			
Limited warranty ¹²	1-year - depot repair service / service upgrades ²² available														

See footnotes for more detailed information

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ThinkPad Yoga (20C0)

Product Specifications Reference (PSREF)

Type-model	Processor	Memory	Widescreen display	Screen type	Pen	Camera	Disk SATA GB ³ rpm	PCIe Mini Card WLAN	M.2 Card SSD	M.2 Card SIM card	Top color	Battery cells	Intel vPro	Preload	Ann date (mm/yy)
20C0004PUS	i5-4300U	4GB	12.5" HD	anti-smudge	None	720p	500G 7200	7260 ac + BT	16GB	None	Black	8	vPro	Win8.1 Pro64	01/14
20C0003WUS	i5-4300U	8GB	12.5" FHD	anti-glare	Pen	720p	500G 7200	7260 ac + BT	16GB	None	Black	8	vPro	Win8.1 Pro64	01/14
20C0004VUS	i5-4300U	8GB	12.5" HD	anti-smudge	None	720p	500G 7200	7260 ac + BT	16GB	None	Black	8	vPro	Win8.1 Pro64	01/14
20C00041US	i7-4600U	8GB	12.5" HD	anti-smudge	None	720p	500G 7200	7260 ac + BT	16GB	None	Black	8	vPro	Win8.1 Pro64	01/14
20C0004WUS	i5-4300U	4GB	12.5" FHD	anti-glare	Pen	720p	500G 7200	7260 ac + BT	16GB	None	Black	8	vPro	Win8.1 Pro64	01/14
20C00049US	i7-4600U	8GB	12.5" FHD	anti-glare	Pen	720p	500G 7200	7260 ac + BT	16GB	None	Black	8	vPro	Win8.1 Pro64	01/14
20C0003XUS	i5-4300U	4GB	12.5" FHD	anti-glare	Pen	720p	180G OPAL	7260 ac + BT	None	None	Black	8	vPro	Win8.1 Pro64	01/14
20C0004BUS	i5-4300U	4GB	12.5" HD	anti-smudge	None	720p	256G SSD	7260 ac + BT	None	None	Black	8	vPro	Win8.1 Pro64	01/14
20C00045US	i7-4600U	8GB	12.5" FHD	anti-glare	Pen	720p	256G SSD	7260 ac + BT	None	None	Black	8	vPro	Win8.1 Pro64	01/14
20C0004EUS	i7-4600U	8GB	12.5" FHD	anti-glare	Pen	720p	180G OPAL	7260 ac + BT	None	None	Black	8	vPro	Win8.1 Pro64	01/14
20C00042US	i5-4300U	8GB	12.5" HD	anti-smudge	None	720p	256G SSD	7260 ac + BT	None	None	Black	8	vPro	Win8.1 Pro64	01/14
20C00046US	i5-4300U	4GB	12.5" HD	anti-smudge	None	720p	180G OPAL	7260 ac + BT	None	None	Black	8	vPro	Win8.1 Pro64	01/14
20C0004RUS	i5-4300U	8GB	12.5" FHD	anti-glare	Pen	720p	256G SSD	7260 ac + BT	None	None	Black	8	vPro	Win8.1 Pro64	01/14
20C0004UUS	i7-4600U	8GB	12.5" HD	anti-smudge	None	720p	180G OPAL	7260 ac + BT	None	None	Black	8	vPro	Win8.1 Pro64	01/14
20C0004NUS	i7-4600U	8GB	12.5" HD	anti-smudge	None	720p	256G SSD	7260 ac + BT	None	None	Black	8	vPro	Win8.1 Pro64	01/14
20C00063US	i5-4300U	8GB	12.5" FHD	anti-glare	Pen	720p	128G SSD	7260 ac + BT	None	None	Black	8	vPro	Win8.1 Pro64	03/14

Positioning	<i>Convertible tablet; one spindle</i>											Preloaded operating system²⁰ - <i>Some:</i> Windows 8.1 Pro 64-bit			
Processor	Intel® Core™ i5-4300U processor (2 cores, 1.90GHz, 3MB Cache), Intel HD Graphics 4400, DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (2.90GHz), HT technology Intel Core i7-4600U processor (2 cores, 2.10GHz, 4MB Cache), Intel HD Graphics 4400, DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (3.30GHz), HT technology											Preloaded applications¹⁴ (only some listed) <ul style="list-style-type: none"> • Lenovo Support • Lenovo Companion • Lenovo Cloud Storage • Password Manager • ThinkVantage System Update • Norton™ Internet Security (30 days of virus definitions) • Microsoft Office preloaded; purchase a product key to activate • Skype™ 			
Memory	4GB or 8GB / PC3-12800 1600MHz DDR3L / soldered to systemboard, no SO-DIMM sockets														
Optical	None														
SATA disk	<i>Some:</i> Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" wide, 7mm high <i>Some:</i> Hard Disk Drive / SATA 3.0Gb/s, 2.5" wide, 7mm high, Active Protection System™														
M.2 SSD	<i>Some:</i> M.2 Solid State Drive (SSD), via M.2 Card slot														
Widescreen display	<i>Some:</i> 12.5" (317.5mm) HD (1366x768) TFT color , smudgeless, 10-point touch screen LED backlight, 300 nits, 16:9 aspect ratio, IPS; <i>Some:</i> 12.5" (317.5mm) FHD (1920x1080) TFT color , smudgeless, 10-point touch screen LED backlight, 400 nits, 16:9 aspect ratio, IPS; <i>Some:</i> 12.5" (317.5mm) FHD (1920x1080) TFT color , anti-glare, 10-point touch screen with Pen, LED backlight, 400 nits, 16:9 aspect ratio, IPS														
Camera	HD720p resolution, wide view angle, low light sensitive, face tracking, fixed focus														
Graphics	Intel HD Graphics 4400 in processor, supports external digital monitor via Mini HDMI; supports dual independent display; <i>Maximum external resolution:</i> 1920x1200 (Mini HDMI)@60Hz														
Keyboard	6-row, 83-key, spill-resistant, multimedia Fn keys, LED backlight														
TrackPoint®	TrackPoint pointing device														
Touchpad	UltraNav™, wide touchpad below keyboard, integrated five buttons, multi-touch														
Light sensor	Ambient light sensor														
ThinkLight™	None														
Dimensions ³	<i>8-cell:</i> 12.44" x 8.70" x 0.74"; 316mm x 221mm x 18.8mm <i>8-cell with Pen:</i> 12.44" x 8.70" x 0.76"; 316mm x 221mm x 19.4mm														
Weight ²	<i>8-cell:</i> from 3.46 lb (1.57kg) <i>8-cell with Pen:</i> from 3.59 lb (1.63kg)														
Case material	<i>Display cover:</i> Magnesium and Aluminum + Polyphenylene sulfide (PPS); <i>Bottom:</i> Magnesium and Aluminum + Polyphenylene sulfide (PPS);														
Battery - type	Integrated Li-Polymer 8-cell, HW Authentication														
Battery - life ¹⁰	<i>8-cell (47Whr):</i> up to 7.0 hr														
Multicard Reader	4-in-1 reader (SD, SDHC, SDXC, MMC)														
ExpressCard	None														
Ports	Two USB 3.0 (one powered), external monitor (mini-HDMI)														
PCIe Mini Card	One PCI Express Mini Card slot														
PCIe WLAN ⁴	11ac, PCIe Half Mini Card, Intel Dual Band Wireless-AC 7260, Wi-Fi + Bluetooth combo adapter, 2x2														
M.2 Card	One M.2 Card slot for support of SSD														
WWAN	None														
Bluetooth™	Bluetooth 4.0 wireless, integrated in WLAN PCIe Half Mini Card											Supports ThinkVantage® technologies			
Ethernet	None														
Intel AMT	Intel Active Management Technology (iAMT)														
Audio support	High Definition (HD) Audio, Conexant CX20751 codec / stereo speakers, 2 watt x 2, Dolby® Home Theater® v4 certified / volume up, down, mute buttons / dual array microphone, combo audio/mic jack											45-watt AC Adapter ENERGY STAR® compliant ROHS-compliant International Warranty Service ¹⁷ 24 hour x 7 day ¹⁸ toll-free support during the warranty period ¹²			
Security	Power-on password, hard disk password, supervisor password, security keyhole														
Security chip	Trusted Platform Module, TCG 1.2-compliant														
Fingerprint reader	None											For Lenovo ²² service upgrade options, please go to S-EDGE sheet			
Limited warranty ¹²	3-year - depot repair service / service upgrades ²² available														

See footnotes for more detailed information
US model(s) announced January 28, or March 11, 2014

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(STLA1-4) March 2014

ThinkPad Yoga (20C0) - Onsite

Product Specifications Reference (PSREF)

Type-model	Processor	Memory	Widescreen display	Screen type	Pen	Camera	Disk SATA GB ³ rpm	PCIe Mini Card WLAN	M.2 Card SSD	M.2 Card SIM card	Top color	Battery cells	Intel vPro	Preload	Ann date (mm/yy)
20C0003YUS	i5-4300U	8GB	12.5" HD	anti-smudge	None	720p	500G 7200	7260 ac + BT	16GB	None	Black	8	vPro	Win8.1 Pro64	01/14
20C0004DUS	i5-4300U	4GB	12.5" FHD	anti-glare	Pen	720p	500G 7200	7260 ac + BT	16GB	None	Black	8	vPro	Win8.1 Pro64	01/14
20C0004AUS	i5-4300U	8GB	12.5" FHD	anti-glare	Pen	720p	500G 7200	7260 ac + BT	16GB	None	Black	8	vPro	Win8.1 Pro64	01/14
20C00040US	i5-4300U	4GB	12.5" HD	anti-smudge	None	720p	500G 7200	7260 ac + BT	16GB	None	Black	8	vPro	Win8.1 Pro64	01/14
20C0004FUS	i7-4600U	8GB	12.5" FHD	anti-glare	Pen	720p	500G 7200	7260 ac + BT	16GB	None	Black	8	vPro	Win8.1 Pro64	01/14
20C00043US	i7-4600U	8GB	12.5" HD	anti-smudge	None	720p	500G 7200	7260 ac + BT	16GB	None	Black	8	vPro	Win8.1 Pro64	01/14
20C0004MUS	i7-4600U	8GB	12.5" HD	anti-smudge	None	720p	256G SSD	7260 ac + BT	None	None	Black	8	vPro	Win8.1 Pro64	01/14
20C0004HUS	i7-4600U	8GB	12.5" FHD	anti-glare	Pen	720p	256G SSD	7260 ac + BT	None	None	Black	8	vPro	Win8.1 Pro64	01/14
20C0004QUS	i5-4300U	4GB	12.5" HD	anti-smudge	None	720p	180G OPAL	7260 ac + BT	None	None	Black	8	vPro	Win8.1 Pro64	01/14
20C00043US	i5-4300U	8GB	12.5" HD	anti-smudge	None	720p	256G SSD	7260 ac + BT	None	None	Black	8	vPro	Win8.1 Pro64	01/14
20C0004GUS	i5-4300U	4GB	12.5" HD	anti-smudge	None	720p	256G SSD	7260 ac + BT	None	None	Black	8	vPro	Win8.1 Pro64	01/14
20C00047US	i7-4600U	8GB	12.5" FHD	anti-glare	Pen	720p	180G OPAL	7260 ac + BT	None	None	Black	8	vPro	Win8.1 Pro64	01/14
20C0004KUS	i5-4300U	4GB	12.5" FHD	anti-glare	Pen	720p	180G OPAL	7260 ac + BT	None	None	Black	8	vPro	Win8.1 Pro64	01/14
20C0004SUS	i5-4300U	8GB	12.5" FHD	anti-glare	Pen	720p	256G SSD	7260 ac + BT	None	None	Black	8	vPro	Win8.1 Pro64	01/14
20C00048US	i7-4600U	8GB	12.5" HD	anti-smudge	None	720p	180G OPAL	7260 ac + BT	None	None	Black	8	vPro	Win8.1 Pro64	01/14

Positioning	<i>Convertible tablet; one spindle</i>											Preloaded operating system ²⁰
Processor	Intel® Core™ i5-4300U processor (2 cores, 1.90GHz, 3MB Cache), Intel HD Graphics 4400, DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (2.90GHz), HT technology Intel Core i7-4600U processor (2 cores, 2.10GHz, 4MB Cache), Intel HD Graphics 4400, DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (3.30GHz), HT technology											- Some: Windows 8.1 Pro 64-bit
Memory	4GB or 8GB / PC3-12800 1600MHz DDR3L / soldered to systemboard, no SO-DIMM sockets											Preloaded applications¹⁴ (only some listed)
Optical	None											<ul style="list-style-type: none"> • Lenovo Support • Lenovo Companion • Lenovo Cloud Storage • Password Manager • ThinkVantage System Update • Norton™ Internet Security (30 days of virus definitions) • Microsoft Office preloaded; purchase a product key to activate • Skype™
SATA disk	None <i>Some:</i> Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" wide, 7mm high <i>Some:</i> Hard Disk Drive / SATA 3.0Gb/s, 2.5" wide, 7mm high, Active Protection System™											
M.2 SSD	<i>Some:</i> M.2 Solid State Drive (SSD), via M.2 Card slot											
Widescreen display	<i>Some:</i> 12.5" (317.5mm) HD (1366x768) TFT color , smudgeless, 10-point touch screen LED backlight, 300 nits, 16:9 aspect ratio, IPS; <i>Some:</i> 12.5" (317.5mm) FHD (1920x1080) TFT color , smudgeless, 10-point touch screen LED backlight, 400 nits, 16:9 aspect ratio, IPS; <i>Some:</i> 12.5" (317.5mm) FHD (1920x1080) TFT color , anti-glare, 10-point touch screen with Pen, LED backlight, 400 nits, 16:9 aspect ratio, IPS											
Camera	HD720p resolution, wide view angle, low light sensitive, face tracking, fixed focus											
Graphics	Intel HD Graphics 4400 in processor, supports external digital monitor via Mini HDMI; supports dual independent display; <i>Maximum external resolution:</i> 1920x1200 (Mini HDMI)@60Hz											
Keyboard	6-row, 83-key, spill-resistant, multimedia Fn keys, LED backlight											
TrackPoint®	TrackPoint pointing device											
Touchpad	UltraNav™, wide touchpad below keyboard, integrated five buttons, multi-touch											
Light sensor	Ambient light sensor											
ThinkLight™	None											
Dimensions ³	<i>8-cell:</i> 12.44" x 8.70" x 0.74"; 316mm x 221mm x 18.8mm <i>8-cell with Pen:</i> 12.44" x 8.70" x 0.76"; 316mm x 221mm x 19.4mm											
Weight ²	<i>8-cell:</i> from 3.46 lb (1.57kg) <i>8-cell with Pen:</i> from 3.59 lb (1.63kg)											
Case material	<i>Display cover:</i> Magnesium and Aluminum + Polyphenylene sulfide (PPS); <i>Bottom:</i> Magnesium and Aluminum + Polyphenylene sulfide (PPS);											
Battery - type	Integrated Li-Polymer 8-cell, HW Authentication											
Battery - life ¹⁰	<i>8-cell (47Whr):</i> up to 7.0 hr											
Multicard Reader	4-in-1 reader (SD, SDHC, SDXC, MMC)											
ExpressCard	None											
Ports	Two USB 3.0(one powered), external monitor (mini-HDMI)											
PCIe Mini Card	One PCI Express Mini Card slot											
PCIe WLAN ⁴	11ac, PCIe Half Mini Card, Intel Dual Band Wireless-AC 7260, Wi-Fi + Bluetooth combo adapter, 2x2											
M.2 Card	One M.2 Card slot for support of SSD											
WWAN	None											
Bluetooth™	Bluetooth 4.0 wireless, integrated in WLAN PCIe Half Mini Card											
Ethernet	None											
Intel AMT	Intel Active Management Technology (iAMT)											
Audio support	High Definition (HD) Audio, Conexant CX20751 codec / stereo speakers, 2 watt x 2, Dolby® Home Theater® v4 certified / volume up, down, mute buttons / dual array microphone, combo audio/mic jack											
Security	Power-on password, hard disk password, supervisor password, security keyhole											
Security chip	Trusted Platform Module, TCG 1.2-compliant											
Fingerprint reader	None											
Limited warranty ¹²	3-year/1-year battery, limited onsite service / service upgrades²² available											Supports ThinkVantage® technologies
												45-watt AC Adapter ENERGY STAR® compliant ROHS-compliant International Warranty Service ¹⁷ 24 hour x 7 day ¹⁸ toll-free support during the warranty period ¹²
												For Lenovo ²² service upgrade options, please go to S-EDGE sheet

See footnotes for more detailed information
US model(s) announced January 28, 2014

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(STLA1-5) February 2014



Lenovo® ThinkPad Yoga 15



Lenovo ThinkPad Yoga 15



Lenovo ThinkPad Yoga 15

ThinkPad Yoga 15 Platform Specifications

Product Specifications Reference (PSREF)

Processor	5th Generation Intel® Core™ i3 / i5 / i7 Processor								Multicard Reader Ports	4-in-1 reader (MMC, SD, SDHC, SDXC) Two USB 3.0 (one Always On), one USB 2.0, HDMI, Lenovo OneLink connector combo audio / microphone jack	
	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory speed	Processor Graphics		Monitor cable	None
	i3-5010U	2	4	2.1 GHz	-	3MB	DDR3L-1600	HD5500		Camera	<i>Some:</i> HD720p resolution, fixed focus <i>Some:</i> 3D camera, Intel RealSense™ 3D Camera
	i5-5200U	2	4	2.2 GHz	2.7 GHz	3MB		HD5500		Audio support	HD Audio, Realtek® ALC283 codec, Dolby® Advanced Audio™ v4 / stereo JBL branded speakers, 1.5W x 2 / dual array microphone, combo audio / microphone jack
i7-5500U	2	4	2.4 GHz	3.0 GHz	4MB	HD5500		Keyboard UltraNav™ ThinkLight™	6-row, LED backlit, spill-resistant, multimedia Fn keys, numeric keypad TrackPoint® pointing device and multi-touch with 3+2 buttons click pad None		
Graphics	Intel HD Graphics in processor only, or Nvidia Geforce 840M Graphics, 2GB DDR3 memory, digital monitor support via HDMI™ (supporting HDCP to output protected content); supports dual independent display Max resolution: 1920x1080 (HDMI)@60Hz								Security Security chip vPro	Power-on password, hard disk password, supervisor password, security keyhole <i>Some:</i> Trusted Platform Module, TCG 1.2-compliant None	
Chipset Memory	Intel SoC (System on Chip) platform 16GB max / PC3-12800 1600MHz DDR3L, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets								Fingerprint reader NFC	<i>Some:</i> Fingerprint reader on the keyboard bezel, swipe sensor None	
Display	<i>Some:</i> 15.6" (396mm) FHD (1920x1080) color, glossy, LED backlight, 300 nits, 16:9 aspect ratio, IPS <i>Some:</i> 15.6" (396mm) FHD (1920x1080) color, anti-glare, LED backlight, 300 nits, 16:9 aspect ratio, IPS								Battery type Battery life AC adapter	Li-Polymer 4-cell (66Wh) Up to 8.0 hr <i>Some:</i> 45-watt AC adapter (Integrated Graphics) <i>Some:</i> 65-watt AC adapter (Discrete Graphics)	
Multi-touch Hinge Convertible mode Active pen	Supports 10-finger gesture Yoga hinge, 360 degree Laptop, tent, stand and tablet <i>Some:</i> Wacom® Active pen, batteries required								Light sensor G-sensor/ eCompass Gyroscope	Ambient Light Sensor 3D accelerometer and 3D magnetometer 3D compass, 3D inclinometer 3D gyrometer	
Storage	<i>Some:</i> SSD / SATA 6.0Gb/s, 2.5" wide, 7mm high, removable, upgradable <i>Some:</i> HDD / SATA 6.0Gb/s, 2.5" wide, removable, upgradable, Shock Mounted Hard Drive, Active Protection System™ <i>Some:</i> Hybrid drive with 8GB NAND flash memory None <i>Some:</i> M.2 Solid State Drive (SSD), via M.2 Card slot								Preload	<i>Some:</i> No operating system <i>Some:</i> Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8.1 Pro 64-bit • Lenovo Solution Center • Lenovo SHAREit • ThinkVantage Product Recovery • Rescue and Recovery™ • ThinkVantage System Update • PC Device Stage • Adobe® Reader® • Evernote® • Skype™ • Maxthon Cloud Browser • Microsoft® Office preloaded; purchase a product key to activate	<i>Some:</i> Windows 8.1 64-bit <i>Some:</i> Windows 8.1 Pro 64-bit • Lenovo Solution Center • Lenovo SHAREit • Lenovo Companion • ThinkVantage System Update • PC Device Stage • Weather Channel • Evernote • Maxthon Cloud Browser • Bing Translator • Norton Studio • Microsoft Office preloaded; purchase a product key to activate • Norton Internet Security (30 days of virus definitions)
Optical M.2 SSD	None								Limited warranty	1-year - depot repair service / service upgrades available	
Ethernet Bluetooth™	None Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter								Environment	EPEAT™ Gold; ENERGY STAR®; RoHS-compliant	
WLAN	<i>One of the following, configurable by model:</i> • Intel Wireless-N 7265, 2x2, Wi-Fi + Bluetooth combo adapter, M.2 Card • Intel Dual Band Wireless-AC 7265, 2x2, Wi-Fi + BT combo adapter, M.2 Card										
WWAN (optional)	<i>Some:</i> Wireless WAN, Sierra Wireless EM7345, Intel 4G LTE/HSPA/GSM/GPRS/EDGE, GPS, M.2 Card										
SIM card	None										
Smart Card Read ExpressCard	None None										
Dimensions Weight Case color Case Material	FHD (WxDxH): 15.07" x 10.07" x 0.82" (383mm x 256mm x 21mm) From 5.07 lb (2.30kg) Graphite black or silver Aluminum										

See footnotes for more detailed information

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(ASAH1-Spec) January 2015

ThinkPad Yoga 15 20DQ (Geforce) - TopSeller

Product Specifications Reference (PSREF)

Type-model	Processor	vPro	Graphics	Memory	Display	Multi-touch	Pen	Storage	Optical	WLAN & Bluetooth	WWAN/SSD	SIM card	Color	Camera	Keyboard	TPM	Finger print reader	Battery cells(wh)	Power adapter (watt)	Preload	Base Warranty (year)	Global	Ann Date (m/y)
20DQ001KUS	I5-5200U	No	840M	4GBx2	15.6" FHD	MT	None	180GB SSD OPAL2	None	7265 ac+BT4.0	None	None	Black	720p	Numpad	None	No	4 (66wh)	65W	Win8.1 P64	1-depot	No	01/15
20DQ001JUS	I5-5200U	No	840M	4GBx1	15.6" FHD	MT	None	500GB 7200	None	7265 ac+BT4.0	16GB	None	Black	720p	Numpad	None	No	4 (66wh)	65W	Win8.1 P64	1-depot	No	01/15
20DQ001LUS	I7-5500U	No	840M	4GBx2	15.6" FHD	MT	None	256GB SSD OPAL2	None	7265 ac+BT4.0	None	None	Black	720p	Numpad	None	No	4 (66wh)	65W	Win8.1 P64	1-depot	No	01/15

• For detailed platform specifications, please see [ThinkPad Yoga 15 Platform Specifications sheet](#)

Processor	5th Generation Intel® Core™ i3 / i5 / i7 Processor								Dimensions	FHD (WxDxH): 15.07" x 10.07" x 0.82" (383mm x 256mm x 21mm)			
	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory speed	Processor Graphics	Weight	From 5.07 lb (2.30kg)			
	i3-5010U	2	4	2.1 GHz	-	3MB	DDR3L-1600	HD5500	Case color	Graphite black or silver			
	i5-5200U	2	4	2.2 GHz	2.7 GHz	3MB		HD5500	Case Material	Aluminum			
i7-5500U	2	4	2.4 GHz	3.0 GHz	4MB			Multicard Reader	4-in-1 reader (MMC, SD, SDHC, SDXC)				
Graphics	Nvidia Geforce 840M Graphics, 2GB DDR3 memory, digital monitor support via HDMI™ (supporting HDCP to output protected content)								Ports	Two USB 3.0 (one Always On), one USB 2.0, HDMI, Lenovo OneLink connector combo audio / microphone jack			
	Monitor cable	None								Camera	Some: HD720p resolution, fixed focus Some: 3D camera, Intel RealSense™ 3D Camera		
Chipset	Intel SoC (System on Chip) platform								Audio support	HD Audio, Realtek® ALC283 codec, Dolby® Advanced Audio™ v4 / stereo JBL branded speakers, 1.5W x 2 / dual array microphone, combo audio / microphone jack			
Memory	16GB max ⁷ / PC3-12800 1600MHz DDR3L, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets								Keyboard	6-row, LED backlit, spill-resistant, multimedia Fn keys, numeric keypad			
Display	15.6" (396mm) FHD (1920x1080) color, glossy, LED backlight, 300 nits, 16:9 aspect ratio, IPS								UltraNav™	TrackPoint® pointing device and multi-touch with 3+2 buttons click pad			
Multi-touch	Supports 10-finger gesture								ThinkLight™	None			
Hinge	Yoga hinge, 360 degree								Security	Power-on password, hard disk password, supervisor password, security keyhole			
Convertible mode	Laptop, tent, stand and tablet								Security chip	Some: Trusted Platform Module, TCG 1.2-compliant			
Active pen	Some: Wacom® Active pen, batteries required								vPro	None			
Storage	Some: SSD / SATA 6.0Gb/s, 2.5" wide, 7mm high, removable, upgradable Some: HDD / SATA 6.0Gb/s, 2.5" wide, removable, upgradable, Shock Mounted Hard Drive, Active Protection System™ Some: Hybrid drive with 8GB NAND flash memory								Fingerprint reader	Some: Fingerprint reader on the keyboard bezel, swipe sensor			
Optical	None								NFC	None			
M.2 SSD	Some: M.2 Solid State Drive (SSD), via M.2 Card slot								Battery type	Li-Polymer 4-cell (66Wh)			
Ethernet	None								Battery life	Up to 8.0 hr			
Bluetooth™	Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter								AC adapter	Some: 45-watt AC adapter (Integrated Graphics) Some: 65-watt AC adapter (Discrete Graphics)			
WLAN	One of the following, configurable by model: • Intel Wireless-N 7265, 2x2, Wi-Fi + Bluetooth combo adapter, M.2 Card • Intel Dual Band Wireless-AC 7265, 2x2, Wi-Fi + BT combo adapter, M.2 Card								Preload	Some: No operating system Some: Windows® 7 Professional 64 Some: Windows 8.1 Pro 64-bit preinstalled through downgrade rights in Windows 8.1 Pro 64-bit			
WWAN (optional)	Some: Wireless WAN, Sierra Wireless EM7345, Intel 4G LTE/HSPA/GSM/GPRS/EDGE, GPS, M.2 Card								Limited warranty	1-year - depot repair service / service upgrades available			
SIM card	None								Environment	EPEAT™ Gold; ENERGY STAR®; RoHS-compliant			

See footnotes for more detailed information

Lenovo Quick Pick (<http://www.lenovoquickpick.com>) is an options and services configurator for Lenovo systems.

For the options and services information on ThinkPad systems, please see below:

ThinkPad 10

<http://www.lenovoquickpick.com/usa/system/thinkpad/tablet/thinkpad-10>

ThinkPad Tablet 2

<http://www.lenovoquickpick.com/usa/system/thinkpad/tablet/tablet-2>

ThinkPad Helix

<http://www.lenovoquickpick.com/usa/system/thinkpad/other-thinkpad/helix>
<http://www.lenovoquickpick.com/usa/system/thinkpad/multimode/thinkpad-helix-2nd-gen>

ThinkPad Yoga

<http://www.lenovoquickpick.com/usa/system/thinkpad/other-thinkpad/yoga>

ThinkPad 11e Yoga

<http://www.lenovoquickpick.com/usa/system/thinkpad/other-thinkpad/thinkpad-11e-windows>

ThinkPad Yoga 15

<http://www.lenovoquickpick.com/usa/system/thinkpad/yoga/yoga-15-s5>

Disclaimer

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PSREF books for the withdrawn systems:

http://www.lenovo.com/psref/psrefs_withdrawn.html

Availability: All offers subject to availability. Lenovo reserves the right to alter product offerings and specifications at any time, without notice. Lenovo is not responsible for photographic or typographic errors.

Warranty: For a copy of applicable product warranties, go to http://support.lenovo.com/en_US/product-service/warranty-status/WarrantyPolicies.page. Lenovo makes no representation or warranty regarding third party products or services.

Footnotes:

- ¹ Power management, including Intel® SpeedStep® Technology, reduces processor speed when in battery mode.
- ² **Weight** includes battery and standard optical drive; weight may vary due to vendor components, manufacturing process and options.
- ³ **Thinness** may vary at certain points on the system.
- ⁴ **Wireless capability:** Requires compatible wireless-enabled options sold separately.
- ⁵ **TAA:** ThinkPad notebook is compliant with the U.S. Federal Government's country-of-origin requirements prescribed in 48 C.F.R. Subpart 25.4; Trade Act Agreement (TAA) model.
- ⁶ **Public network download modem speeds** are limited to 53Kbps. Upload speeds are limited to 48Kbps for V.92 modems. Actual speeds depend on many factors and are often less than the maximum possible. V.92 functions and speeds require compatible phone line and server equipment. Check with your telephone and ISP service providers for availability.
- ⁷ **Maximum memory capacity** may require the replacement of standard component with largest supported component available. On ThinkPad systems, even though it is possible to physically install 4GB of memory, the actual amount of memory addressable by a 32-bit operating system will be limited to 3GB. This limitation does not exist with 64-bit operating systems.
- ⁸ **Hard drive:** GB = billion bytes, TB = trillion bytes. Accessible capacity is less; up to 4GB is service partition.
- ⁹ **CD/DVD drive speeds** list maximum rates; rates are variable and are often less than the maximum.
- ¹⁰ **Battery:** These model numbers achieved the battery life based on MobileMark® 2012 during testing. Battery life (and recharge times) will vary based on many factors including screen brightness, applications, features, power management, battery conditioning, and other customer preferences.
- ¹¹ **External monitor:** This system supports a maximum of two external monitors. The integrated display(s) must be disabled to support two external monitors.
- ¹² **Limited warranty:** Support unrelated to a warranty issue may be subject to additional charges.
- ¹³ **Internet access not included.**
- ¹⁴ **Included software** may differ from its retail version (if available), and may not include user manuals or all program functionality. Software license agreements may apply.
- ¹⁶ **Activating Verizon Wireless Service:** Lenovo customers will be contacted after purchase to activate service; requires separate agreement with Verizon Wireless and is subject to the Customer Agreement, Calling Plan, and credit approval. Service, airtime, and early termination charges may apply. Verizon Wireless, not Lenovo, is solely responsible for service. Service not available in all areas; purchaser is responsible for verifying that service is available for the intended location before purchasing a computer equipped with WAN card. Network details, coverage limitations, and maps at www.verizonwireless.com.
- ¹⁷ **International Warranty Service** is available in any country in which this product is sold and serviced. Service delivery methods and parts availability vary by country, may be different from that in the country of purchase, and are subject to change without notice. Fees and restrictions may apply in some countries.
- ¹⁸ **Telephone support** may be subject to additional charges, even during the limited warranty period. Response times may vary. May exclude some holidays. If a machine is listed as having "On-site service for select repairs", this means that onsite service is available only for the replacement of select parts. For all other warranty repairs, Lenovo will provide the customer a replacement part for customer installation. The parts for which onsite service is available varies by machine, but may include the processor, power supply, heat sink, system board, or base cover. For ThinkPad notebooks with Depot or Courier service, Lenovo will attempt to diagnose and resolve the problem remotely before sending a courier.
- ¹⁹ **Depot repair service:** The customer may be asked certain diagnostic questions before a courier is sent. Your ThinkPad purchase includes this depot repair service, available in the U.S. during the limited warranty period.
- ²⁰ **Operating System:** Level of support varies by operating system. Operating systems not preloaded on the system may not provide full feature functionality. Refer to lenovo.com/pc/support and enter your machine type and model number for more information.
- ²¹ **For combination drives,** maximum possible speeds only are given in the following order: CD write, CD rewrite, CD read, DVD read.

²² **Lenovo Services:** These services are available for machines normally used for business, professional, or trade purposes, rather than personal, family, or household purposes. Not all machine types and models are covered. Service period begins with the equipment date of purchase. Service must be purchased during the original limited product warranty period. Service levels are response time objectives and are not guarantees. If the machine problem turns out to be a Customer Replaceable Unit (CRU), a part will be express shipped to you for quick replacement. Onsite 24x7x2-hour service is not available in all locations. For ThinkPad notebooks requiring LCD or other component replacement, Lenovo may choose to perform service at the depot repair center. Calls must be received by 5 pm local time in order to qualify for Next Business Day service. P&L means parts and labor. P/U means pick-up. See Lenovo Warranty Services terms and conditions for complete details and restrictions.

²³ **Activating AT&T Wireless Service:** Requires separate agreement with AT&T, subject to service agreement, rate plan and coverage maps. AT&T, not Lenovo, is solely responsible for service. Coverage not available in all areas; AT&T BroadbandConnect available in select metropolitan markets. Special credit and tenure restrictions and additional charges may apply to international roaming. A network connection, third-party software, additional hardware, and/or subscription to a third-party service may be required for certain solutions/applications. Additional restrictions apply, including early termination fee; see www.wireless.att.com for details. To activate call Lenovo Wireless Activation Hot Line at 1-877-299-4710.

²⁴ **Limited onsite service systems** are designed to be repaired during the applicable warranty period primarily with customer-replaceable parts provided by Lenovo. Lenovo will only send a technician onsite to perform a repair if (a) remote telephone diagnosis and/or customer part replacement are unable to resolve the problem, or (b) the part is one of the few designated by Lenovo for onsite replacement. For a list of onsite replaceable parts, contact Lenovo. Support unrelated to a warranty issue may be subject to additional charges. Lenovo onsite repair (LOR), 8 am to 5 pm, Monday through Friday coverage excluding holidays, next business day (NBD) response time.

²⁶ **Full-size keyboard:** As defined by ISO/IEC 15412.

²⁷ **Based on IEEE 802.11a and 802.11b.** A customer can not upgrade to a different wireless Mini PCI adapter due to FCC regulations. Security screws prevent removal of this adapter. This wireless LAN product has been designed to permit legal operation world-wide in regions which it is approved. This product has been tested and certified to be interoperable by the Wireless Ethernet Compatibility Alliance and is authorized to carry the Wi-Fi logo.

²⁸ **The IEEE 802.11n specification (MIMO)** has been finalized and is currently in IEEE 802.11n-2009 release. The maximum speed depends on the access point device and the number of integrated antenna used for connection. An adapter with 11a/b, 11a/b/g, 11b/g/n, or 11a/b/g/n can communicate on any of its supported formats.

³⁰ **Measures only maximum** data transfer rate, not application performance. Many factors affect application performance.

³² **Wireless:** Based on IEEE 802.11a, 802.11b, and 802.11g respectively. An adapter with 11a/b, 11b/g, or 11a/b/g can communicate on either/any of these listed formats respectively, the actual connection will be based on the access point to which it connects.

³⁶ **Wireless upgradable** allows the system to be wireless-enabled with an optional wireless Mini PCI or Mini PCI Express card. Designed to operate only with Lenovo options.

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