intel®
Education

Designed to Engage Students and Empower Educators

Designed to make learning more fun, creative, and engaging, the Intel® classmate PC – convertible brings together the best of Windows* 8 touch and keyboard experiences, the amazing performance of Intel® Celeron® processors, and Intel® Education Software.

The new Intel classmate PC – convertible keeps students excited about learning. With the flip of the display, it quickly transforms from a full-featured PC to convenient tablet—with pen—making it easy to adapt the device to the teaching method and learning task at hand. Whether gathering field data with the HD camera and notating it with the pen, or analyzing, interpreting, and reporting results using collaborative Intel Education Software, the convertible classmate PC is designed for education and engineered for students to develop the 21st century skills needed to succeed in today's global economy.

Highlights:

- Two devices in one: tablet and full-feature PC
- Supports both Windows 8 desktop and touch modes
- Together with Intel Education Software, the convertible classmate PC is part of Intel Education Solutions
- High Definition LCD display produces vivid imagery and easy-to-read text
- Integrated software suite to keep students safe, help teachers teach, and protect the investment in advanced 1:1 eLearning tools
- High Definition, rotatable camera brings scientific inquiry to life
- NEW: Plug-in temperature probe, snap-on magnification lens, and analysis software for engaging scientific inquiry
- Nearly twice the performance[1]
- Nearly four times 3D graphics performance[1]
- Drop-tested, spill-resistant for long-term durability

"The Intel classmate PC – convertible creates an ecosystem of digital learning which encompasses 1:1 technologies, independent learning, digital creativity, device management, and learning beyond school. It is truly versatile, easily catering for the learning needs of school students of all ages, and offering students the personal choice between traditional keyboard input or accurate touch input, which will be further transformed with Windows 8."

David Whyley, Patrick Flynn, Wolverhampton Schools, UK

Plant Cell

Mitochondria
organelles where cellular
respiration occurs

Respiration of Germinating Seeds

Intel® Education Solutions

Intel® Education Software[2]

The Intel Education classmate PC – convertible includes Intel Education Software, a comprehensive suite of applications designed for today's educational objectives.

- Helps students develop 21st century skills through exploration, interpretation, and collaboration
- Enables teachers to facilitate learning and efficiently manage their classrooms
- Provides administrators tools to protect students and manage technology, while reducing their total cost of ownership (TCO)

For Teachers and Students

Intel® Education Resources

In addition to the student and teacher applications in the suite, Intel® Education Resources include digital learning objects from skoool™ content, math and science videos from Khan Academy*, English language learning resources from the British Council, and a collection of digital literacy resources from Intel® Education. Intel Education Resources also provide teachers with professional development courses from Intel® Teach and Intel® Transforming Learning.

Kno* Textbooks

Designed specifically for education, Kno* Textbooks enables students to explore rich content, such as embedded video, 3-D models, and linked glossaries. Regularly updated electronic textbooks keep learning relevant and open authorship empowers students to add information to their textbooks to drive learning home. Kno Textbooks enables students and teachers to take advantage of the latest experiences in Windows 8 desktop mode.

Intel® Education Lab Camera by Intellisense

Lab Camera provides imaging tools to promote scientific inquiry and help make abstract concepts tangible for students. Collecting, organizing, and inspecting visual data encourages problem-solving and critical thinking skills. Using the device's built-in camera, Lab Camera enables multi-faceted, easy-to-access scientific experiments through time-lapse imagery capture, a microscope, pathfinder analysis, universal logger, kinematics, and motion triggering. Lab Camera is tuned to provide rich experiences in Windows 8.

Intel® Education Media Camera by Intelliesense

Media Camera provides camera-based tools that help students visually express themselves and better communicate what they've learned. Media Camera includes a recorder to take pictures, record video and perform basic media editing, and a presenter with advanced tools, such as annotate, rotate, and resize, to enhance captured imagery from the Media Camera or other source. Media Camera is tuned to provide rich experiences in Windows 8.
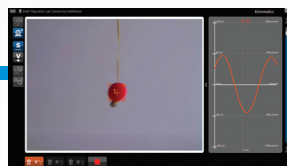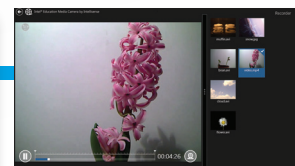
INTEL®
EDUCATION
SOFTWARE

Intel® Education Resources

Kno*

Lab Camera

Media Camera

ArtRage*
part of Intel® Education

ArtRage* painting and drawing allows students to explore their creative side and communicate visually using a range of artistic effects: watercolor, ink pen, flood fill, "gloop" pen, sticker spray, text tool, and more. Because it's so intuitive to use, students can spend more time nurturing their inner Picasso than laboring to learn a complex program.

SPARKvue*
part of Intel® Education

SPARKvue* puts a comprehensive laboratory in the hands of every student. Using the Intel convertible classmate PC, built-in sensors and optional attachable sensors, like the temperature probe, SPARKvue helps students analyze and report their findings of scientific experiments involving temperature, acceleration, light, magnetic fields, and more. SPARKvue comes with 60 built-in labs and allows teachers to create custom labs for specific study.

Classroom Management
part of Intel® Education

The Classroom Management application enables teachers to support diverse learning styles by managing individual, group, or entire class activities from their teacher's PC. Teachers can deliver interactive lesson content, monitor student learning, administer assessments, transfer files to individual students or the entire class, monitor student screens, and chat with each student. Classroom Management provides an infrastructure for 1:1 eLearning in the classroom.

Intel® Education Hard Drive Protection

Drops are inevitable. When the device detects a vibration caused by a sharp movement or drop, the PC stops hard drive activities to avoid damage and safeguard information. Students minimize the risk of losing stored information, while schools reduce costs of hard drive replacements.

For IT and Administrators

McAfee AntiVirus Plus*
part of Intel® Education

With a five-year license, McAfee AntiVirus Plus* helps enforce safe and secure computing practices by proactively protecting devices from exposure to malware or identity theft risks.

Intel® Education Theft Deterrent

A hardware-hardened solution for a robust asset management infrastructure, Intel® Education Theft Deterrent helps schools protect capital and operational investments.

Intel® Education
## SOFTWARE SUITE BENEFITS

SCHOOL IT ADMINISTRATORS

- Hundreds of applications available from the Intel® Education Ecosystem
- 21st century learning tools build 21st century skills
- Low total cost of ownership (TCO)
- Tools to create a secure and manageable infrastructure

TEACHERS

- Localized and relevant curriculum and content
- Technical and pedagogical teacher/ professional training
- Classroom management tools facilitate student learning and collaboration
- Support diverse learning styles
- Effectively evaluate student learning and understanding
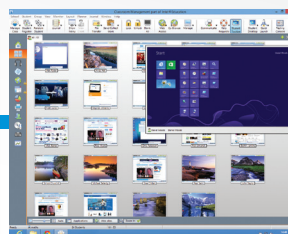
STUDENTS

- Enables effective 1:1 eLearning
- Creates a collaborative learning environment
- Engages students for longer periods
- Helps stimulate creativity, collaboration, communication
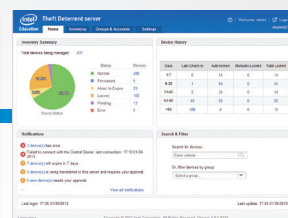- Protects students from unwanted content
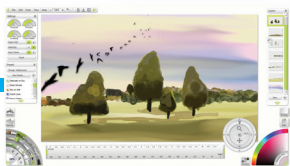
*ArtRage**
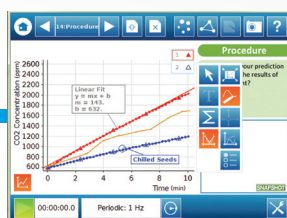
*SPARKvue**

Classroom Management

Intel® Education Theft Deterrent

System Configuration

Processor	▪ Intel® Celeron® processor 847/NM70 (dual-core)
Memory	▪ 2 GB/4 GB DDR3-1066/1333
Storage	▪ 32 GB/64 GB/128 GB SATA Flash ▪ 2.5" SATA HDD (7 mm), G-sensor for HDD protection
Operating System	▪ Windows* 8 and Windows 8 Pro, 64 bits
Security	▪ McAfee AntiVirus Plus* ▪ Intel® Education Theft Deterrent 1.2
LCD	▪ 10.1" 1366 x 768 HD, Capacitive touch ▪ Upgrade option for premium writing with N-trig Digitizer Pen
Connectivity	▪ 10/100M Ethernet ▪ 2.4 G/5 GHz dual-band support optional ▪ Wi-Fi 802.11a/b/g/n ▪ Optional Bluetooth* 4.0
Battery Life[3]	▪ 6-cell battery 7 hrs (5200mAh)[3] ▪ 6-cell battery 6 hrs (4400mAh)[3] ▪ 3-cell battery 3 hrs (2600mAh)[3]
Audio/Speaker/Microphone	▪ Integrated audio, built-in speaker, and digital microphone
Custom Mini-Chassis	▪ Size, including handle: 268 mm (wide) x 210 mm (deep) x 29-39 mm thick ▪ 1.48 to 1.73 kg
System I/O	▪ 3x USB 2.0 ports ▪ 1 (half-size) mini-SD slot (chargeable) ▪ 2-in-1 card reader ▪ Optional HDMI (2x USB ports) ▪ VGA port
Camera	▪ 30fps @ 1280x720, 1MP High Definition
Drop Test	▪ Power off/Lid off: 70 cm, 6 faces/4 corners
Sensors	▪ Ambient Light sensor ▪ Gyroscope ▪ Magnetometer ▪ Optional plug-in temperature probe ▪ Accelerometer

To find out more about Intel Education products, software, and services, visit **www.intel.com/edusolutions**
For sales information, contact your Intel Authorized Reseller.

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