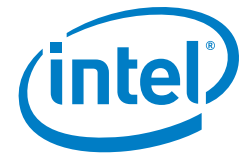


Intel® Learning Series



Advancing Education Worldwide

Product Brief

Intel-powered convertible
classmate PC
Part of the Intel® Learning Series

Netbooks Designed for Learning and Collaboration

A big world of learning in a small package.

Intel-powered convertible classmate PCs are an exciting, cost-effective education solution designed by Intel and produced and sold by an extensive network of local manufacturers and vendors supporting sustainability and local economies. They instantly convert from clamshell to touch-optimized tablet mode, giving students new flexibility and micro-mobility inside and outside the classroom.

A core component of the Intel® Learning Series, Intel-powered convertible classmate PCs are designed to meet the needs of 21st century teachers and students. They are based on best practices in education and product design—drawn from extensive ethnographic research carried out in classrooms around the world. Intel's global design and engineering teams also work in collaboration with local decision makers, end users, and vendors to make sure local values and needs are addressed.

The result? An affordable, rugged, full-featured netbook designed for interactive, collaborative learning. Intel-powered convertible classmate PCs provide geographically relevant, culturally appropriate teaching and learning solutions.

- Converts instantly from a clamshell design to a convertible tablet PC, allowing young learners to change form factors, interact, collaborate, write, and draw naturally
- Features the Intel® Atom™ processor—built for low power consumption—and reliable Intel® architecture with “real PC” performance
- Promotes collaboration and teamwork with swivel screen and Collaboration on Demand software for easy sharing
- Includes touch-optimized, intuitive applications, as well as an office productivity suite, video editor, and photo editors to help students become content creators
- Provides built-in rotational camera for more natural, intuitive picture taking





Software Optimized for Education

Intel supports an extensive network of vendors specializing in complete education solutions, including access, connectivity, hardware, localized content, professional development—and relevant, optimized software. Our researchers look at what children are doing in real classrooms around the world; how they move around the classroom; the ways they communicate with each other; how they browse the Web, how they learn; how they listen; and what they watch. All of this influences the software that Intel chooses or creates to meet the needs of young learners.

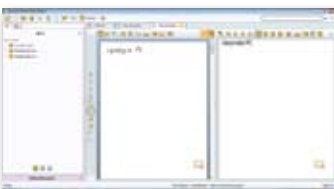
Intel-powered convertible classmate PCs are pre-loaded with education-focused software, and run hundreds of mainstream and popular applications. Locally relevant content is provided through Intel's collaboration with local independent software vendors.



Inspirus Desktop by EasyBits



*ArtRage 2.5 Full Edition
by Ambient Design*



*MyScript Studio Notes Edition
by Vision Objects*



WebCam Companion by ArcSoft

Writing & Drawing on Screen

- On Screen Pen Input/ Handwriting Recognition converts handwriting to digital text
- Note Taker Manager with text, graphic, and shape recognition
- Painting & Drawing

Reading & eLearning

- Touch Optimized E-Reader with annotation
- Supports ePub, chm, html, rtf, and PDF formats with access to millions of ebooks

Micro-mobility & Ease-of-Use

- Quick Launcher
- Quick Controller
- Auto Screen Rotation by Accelerometer
- Easy Webcam App with annotation and digital archive

Collaboration & Classroom Management

- Classroom Management & Collaboration Application Suite
- Simplified Education Shell & Application Launcher

IT Management

- Access Management
- Theft Deterrent
- Enhanced Easy Network (available only with Windows XP*)
- Computer Management (iEA)

System configuration of an Intel-powered convertible classmate PC

Based on the Intel® Learning Series

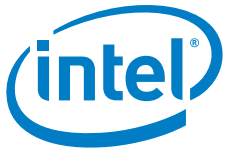


	Quanta NL1 [†]	Quanta NL2 [†]
Processor/Chipset	Intel® Atom™ processor N270 at 1.6GHz ▪ Chipset: Intel® 945GSE	Intel® Atom™ processor N450 at 1.66GHz ▪ Chipset: Intel® NM10 Express
Memory	1GB/512MB	1GB
Storage Device	16G/8G/4G Flash or 1.8" HDD	32G/ 16G / 8G SATA Flash, 2.5" SATA HDD
Operating System	Windows 7/Windows XP/Linux	
LCD	8.9" 1024 x 600 touch screen ▪ Convertible: traditional or touch-optimized tablet mode ▪ Palm-resting feature allows students to write and draw comfortably	10.1" 1024 x 600 water resistant touch screen ▪ 10.1" 1366x768 optional display ▪ Convertible: traditional or touch-optimized tablet mode ▪ Palm-resting feature allows students to write and draw comfortably
Connectivity	10M/100M Ethernet Ethernet 802.11b/g/n WLAN	10M/100M Ethernet 802.11b/g/n WLAN ▪ Wi-MAX (optional) ▪ 3G (optional) ▪ GPS (optional)
Keyboard/Touch Pad	▪ Water-resistant keyboard ▪ Touch pad (integrated vertical scrolling)	▪ Water resistant keyboard ▪ Water resistant touch pad (integrated vertical scrolling) ▪ Anti-microbial keyboard (optional)
Battery**	6-cell battery (6 hours) or 4-cell battery (4 hours)	6-cell battery (8.5 hrs) (2600mAh cell) 4-cell battery (4.8 hrs) (2200mAh cell)
System I/O	2 x USB 2.0 ports, 1 SD slot, VGA port, 1 half sized mini-card slot	2 x USB 2.0 ports, 1 SD slot, VGA port, 1 half sized mini-card slot and 1 full sized mini-card slot, dual audio jacks
Built-in 1.3MPX Rotating Camera	30fps (640 x 480) 1.3MP rotatable	
Accelerometer (motion sensor)	Tilt the Intel-powered convertible classmate PC and the display switches smoothly from portrait to landscape	Tilt the Intel-powered convertible classmate PC and the display switches smoothly from portrait to landscape HDD Protection (Quanta NL2 only)
Handle	Integrated to support micro-mobility in the classroom	Integrated retractable handle to support micro-mobility in the classroom
Custom Mini-Chassis	▪ Size including handle: 241.3mm x (26.0–39.5mm) x 215.5mm ▪ Weight: 1.25–1.45Kg	▪ Size including handle: 268mm x (39.5~32mm) x 214mm ▪ Weight: 1.52–1.74Kg
Drop Test***	50cm	Flash 70cm/HDD 60cm

**Based on 8.9" and 10.1" LCD and defined brightness, WiFi off, and camera disabled. Actual battery life may vary based on product settings, usage patterns, and environmental conditions.

***Industry standard drop test 30cm

†Image of standard software used for illustration only



Meeting the Real Needs of Education

The Intel-powered convertible classmate PC

Innovative Intel-powered convertible classmate PCs are designed to meet the needs of today's educators—from administrators addressing cost and durability to teachers concerned with curriculum and classroom management. These actual PCs, built on reliable Intel® architecture by local manufacturers, are ready for the demands of learning and teaching worldwide.

Connect to a world of learning.

Education Policy Makers and School Administrators



- Pre-loaded with education-focused software
- Powerful enough to support a wide variety of educational applications and activities
- Built to withstand everyday use, with durable construction, sturdy plastic cases, handles, water resistant keyboard, touch pad, and LCD screen; capable of withstanding a drop from 70cm
- Cost-effective; works easily and reliably with the other hardware and software in the Intel® Learning Series

Parents



- Education-specific features and software are designed to help your child learn
- Internet filtering ensures your child will be able to safely and easily explore the Internet
- Water-resistant keyboard, touchpad, and LCD
- Durable construction and outer case, built to withstand a drop from 70cm
- The child-friendly design is fun to use and easy to carry

Teachers



- Classroom management software on classmate PCs supports interactive individualized learning
- Advanced palm-resting technology lets children use full-hand support when writing or drawing in tablet mode
- Screen swivels 180 degrees for easy sharing, promoting collaboration and teamwork
- Lightweight and compact—perfect for child-size hands, small desks, and various classroom configurations

Students



- Converts instantly from a clamshell design to a tablet PC
- Ergonomic stylus with comfortable grip for writing and drawing directly on screen
- Built-in rotational camera with easy camera capture button for more natural, intuitive picture taking
- Built-in audio and microphone to experience and create multimedia

For more information, visit: www.classmatePC.com or www.intel.com/go/classmatePC.

For sales information, contact your Intel® Authorized Reseller.

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