Engage Students in Interactive, Collaborative Learning

When you put Intel® Education Tablets in students’ hands, you've begun a process that will forever change their lives and their teachers’ as well. The Intel Education Tablet gives students unprecedented access to education materials, while also making it fun to engage deeper into scientific exploration and learning. The new Intel Education Tablet is loaded with resources for students and teachers from Intel® Education Software, including classroom management tools to help teachers keep students learning and developing the 21st century skills they need to succeed in today’s global economy. It’s all part of Intel® Education Solutions.

The Intel Education Tablet’s multi-touch display and e-Reader software enable students to access rich online content not available in standard textbooks. With a single touch they can watch life develop in an embedded video, rotate a 3D molecule, and link to other resources around the world. Ultra-portability allows them to take the device to the field to capture data with the built-in camera and analyze it with Intel Education Software. They can collaborate with their classmates, while comparing their findings to others on the web. The Intel Education Tablet gives students access to a whole new view of their world—right at their fingertips.

Highlights:
• 7-inch tablet designed specifically for education and built to meet students’ needs
• Vivid display produces brilliant imagery and easy-to-read text
• Front and rear-facing cameras bring scientific inquiry to life
• Integrated speakers and microphone enable rich multi-media content
• Included software suite to help keep students safe, help teachers teach, and protect the investment in advanced 1:1 eLearning tools

“The devices [tablets] are easy to use, responsive, and becoming very reasonably priced. This makes tablets ideal for the education sector, particularly for younger children.”

“Education Market for Computing Devices”
ABIresearch, February 5, 2013
Intel® Education Software

The Intel Education Tablet 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 skool™ 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 provides 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.

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 tablet’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.

Intel® Education Media Camera by Intellisense

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.
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 Education Tablet and its built-in sensors and optional attachable sensors, 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.

For IT and Administrators
McAfee Mobile Security* part of Intel® Education
With a five-year license, McAfee Mobile Security* 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.

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
## System Configuration

Tough and purpose-built for education, Intel Education Tablets are delivered by local vendors, providing geographically relevant, culturally appropriate teaching and learning solutions with ongoing local service and support.

<table>
<thead>
<tr>
<th>Processor</th>
<th>Intel® Atom™ Processor Z2420 – 1.2 GHz</th>
</tr>
</thead>
<tbody>
<tr>
<td>Memory</td>
<td>1 GB LPDDR2</td>
</tr>
<tr>
<td>Storage</td>
<td>8 G eMMC</td>
</tr>
<tr>
<td>Operating System</td>
<td>Android® 4.1 (Jelly Bean)</td>
</tr>
<tr>
<td>Security</td>
<td>McAfee Mobile Security*</td>
</tr>
<tr>
<td></td>
<td>Intel® Education Theft Deterrent 1.2</td>
</tr>
<tr>
<td>LCD/Touch Panel</td>
<td>7” 1024 x 600 multi-touch (16:9)</td>
</tr>
<tr>
<td>Connectivity</td>
<td>Wi-Fi 802.11 b/g/n</td>
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<tr>
<td></td>
<td>Optional Bluetooth* 3.0+ EDR</td>
</tr>
<tr>
<td>Battery Life²</td>
<td>15.5 Whr (4200 mAh)</td>
</tr>
<tr>
<td></td>
<td>&gt; 7.8 hr</td>
</tr>
<tr>
<td>Audio/Speaker/Microphone</td>
<td>Integrated audio, speaker, and microphone</td>
</tr>
<tr>
<td>Dimensions</td>
<td>200x122x9.95 mm (7.9x4.8x.39 in)</td>
</tr>
<tr>
<td>Weight</td>
<td>355 g (.78 lb)</td>
</tr>
<tr>
<td>System I/O</td>
<td>1 micro USB 2.0 (Type B)</td>
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<td></td>
<td>1 micro SD slot</td>
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<tr>
<td></td>
<td>Audio In/Out combo</td>
</tr>
<tr>
<td>Camera</td>
<td>0.3 Mpixel VGA front-facing, 2.0 Mpixels rear-facing</td>
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<tr>
<td>Drop Test</td>
<td>60 cm drop, IP41, water resistance</td>
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<tr>
<td>Sensors</td>
<td>Ambient light sensor</td>
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<td>Accelerometer</td>
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<td>GPS</td>
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<td></td>
<td>eCompass</td>
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<tr>
<td>Accessories</td>
<td>Snap-on magnification lens</td>
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<tr>
<td></td>
<td>Temperature probe</td>
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</tbody>
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To find out more about Intel Education products, software, and services, visit [www.intel.com/edusolutions](http://www.intel.com/edusolutions)

For sales information, contact your Intel Authorized Reseller.

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1 Not all solutions are available in all geographies and languages. Features and functions are subject to change. This product brief is for informational purposes only and Intel makes no warranties, express or implied in this product brief.

² Based on 7” LCD and defined brightness, WiFi off, and camera disabled. Actual battery life may vary based on product settings, usage patterns, and environmental conditions. Software and workloads used in performance tests may have been optimized for performance only on Intel microprocessors. Performance tests, such as SYSmark and MobileMark, are measured using specific computer systems, components, software, operations and functions. Any change to any of those factors may cause the results to vary. You should consult other information and performance tests to assist you in fully evaluating your contemplated purchases, including the performance of that product when combined with other products. For more information go to [www.intel.com/performance](http://www.intel.com/performance)

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