

Flexible Designs for Versatile Learning



Intel® Education 2 in 1 and Notebook Reference Designs

Choose between two form factors designed specifically for education. Thin and light Intel Education 2 in 1 convertible and notebook reference designs are packed with features to immerse students in educational activities, while offering a rugged design built for durability.



Designed for a Broader Age Range

These Intel® Education reference designs are perfect for students who need thin, light devices that are packed with productivity, but can also withstand bumps and accidental drops. A modern design easily scales to older students, with a larger display and keyboard than the previous generation Intel® classmate PC. Students can better create and engage with content using sophisticated tools, like a thin-tip stylus and high-quality rotatable camera.

Two Form Factors, One Platform

Choose 2 in 1 or notebook reference designs—a single platform design supports both form factors.¹ The 2 in 1 convertible features a 360° hinge that allows the device to easily flow from a notebook to tablet, in tent or presentation mode. The notebook offers an entry-level, nontouch option.

Better Performance

Support students with an immersive experience, whether they are doing homework, writing reports, creating presentations, or expressing their artistic side. Next-generation Intel® Celeron® processor technology delivers better graphics performance over the previous generation.^{2,3}

Microsoft Windows* 10 Support and Software

Gain flexibility in your operating system with support for Microsoft Windows 10, Microsoft Windows* 8.1, and Linux*.



INTEL® EDUCATION 2 IN 1 AND NOTEBOOK

Designed for Education



2 in 1 Convertible

- Touch screen
- 360° hinge
- Tent, presentation, tablet, or laptop

Rotatable camera supports scientific inquiry activities and gives students flexibility in how they capture images and video, with both front- and world-facing views.



30x magnification lens (optional) easily snaps onto the rotatable camera to help students carry out scientific observations and measurements.

Retractable handle makes the device easy to carry and less likely to be dropped. A student can also hook the device to a cubby or locker.



Thin-tip passive stylus makes it convenient to interact with on-screen content.



Entry-Level Notebook

- Nontouch
- 180° hinge



- 1 x USB* 3.0; 1 x USB 2.0
- Micro SIM* (optional)
- TV tuner (optional)
- Microphone

Thinner compared with the previous generation Intel® classmate PC.

Fanless design for quiet operation.

Rugged design built to withstand bumps and accidental drops from heights of up to 70 cm.⁴

IP5 dust- and 100 cc water-resistance for added durability.⁴

Expanded connectivity and sharing with support for Wi-Fi, Bluetooth*, and Miracast*.

Up to 7 hours' battery life⁵ for all-day learning.

Solar charger support for alternate power sources (optional).

Easy serviceability with access to the battery in minutes.

Software and Technology to Empower Educators and Enable School IT

- The Intel® Education Study app is an interactive PDF e-reader designed for education. It can enhance the learning experience by helping increase student engagement and improve study habits.
- Intel® Education Theft Deterrent locks missing devices to render them unusable by unauthorized individuals.



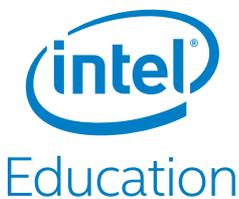
Temperature sensor probe (optional) plugs into the audio jack. When paired with additional software, it turns the device into a powerful scientific inquiry tool.

Intel® Education 2 in 1 and Notebook Product Specifications

Intel Education reference designs are delivered by local OEMs that provide locally relevant and culturally appropriate learning and teaching solutions.

Processor	Intel® Celeron® processor N3000
Operating System	Microsoft Windows* 10, 64-bit Microsoft Windows* 8.1, 64-bit Linux*
Memory Options	2 or 4GB DDR3L
Storage Options	320GB HDD (optional 500 GB HDD, SSD support)
Display	11.6", 1366 x 768, 16:9 2 in 1: Capacitive touch, 5-point or 11.6" IPS (optional) Notebook: Nontouch
Stylus	Thin-tip (< 3 mm) passive stylus
Rugged Design	70 cm drop resistance, ⁴ IP5 dust- and 100 cc water-resistant HDD protection software Tested for high and low humidity conditions Extensive testing of hardware components
Security	Optional, Intel® Education Theft Deterrent for Windows and Linux
Battery Life⁵	Up to 7 hours for the notebook design Up to 6.5 hours for the 2 in 1 design (optional solar charging)
Camera	Rotational 2 MP HD
Snap-On Magnification Lens	Optional, 30x magnification
Temperature Sensor Probe	Optional
Dimensions	2 in 1: 307 x 208 x 25.9 mm Notebook: 307 x 208 x 25.7 mm
Weight	2 in 1: ≤1.6 kg Notebook: ≤1.5 kg
Network	802.11b/g/n 1x1 Wi-Fi (optional 802.11a/b/g/n 2x2 Wi-Fi) 10/100/1000 wired LAN Miracast*-enabled
Connectivity	Bluetooth* 4.1, NFC (optional), TV tuner (optional)
System I/O	1x USB* 3.0, 1x USB* 2.0, 1x HDMI, 1x micro SD*, 1x DC in, 1x RJ45, micro SIM* card slot (optional), TV tuner (optional)
Audio/Speaker/Microphone	Integrated audio, 2x speakers, 2x microphone (second one optional)
Sensors	2x accelerometer (G-sensor), ambient light sensor, e-compass (optional)

For more information about Intel Education Solutions, visit intel.com/educationproducts.



1. Separate platform SKUs for 2 in 1 and notebook form factors.
2. Test configuration: Intel® Celeron® N3000 2C2T up to 2.16GHz, 2x64 DDR3L 1600, Microsoft Windows* 8.1, 250GB HDD, 13x7 panel. Intel Celeron N2808 2C2T up to 2.25 GHz, 1x64 DDR3L 1333, Microsoft Windows 8.1, 250GB HDD, 13x7 panel. Test: GFXBench* 2.7 – T-Rex HD (DX9 / OpenGL ES* 2.0). Testing conducted by Intel.
3. 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.
4. Drop Test configuration: 70cm drop on concrete floor. Testing was 5 faces, 4 corners with lid open to 360 degrees; 6 faces, 4 corners with lid closed. IP testing conducted according to IEC 60529 (International Electrotechnical Commission.) Water-resistance testing conducted with 100cc of water on both the touch panel (with lid open to 360 degrees) and keyboard. Drop, IP, and water-resistance testing conducted by Intel.
5. Battery life for the notebook design is up to 7 hours. Battery life for 2 in 1 design is up to 6.5 hours. Battery life is based on TabletMark* v3 11.6" LCD. Actual battery life may vary based on battery size, product settings, usage patterns, and environmental conditions. Testing conducted by Intel.

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