



PUPIL 104 CONVERTIBLE

Smart learning

The Pupil 104 takes Education three steps further, with a notebook, a tablet and an e-book reader. All in one machine.

The convertible MGseries computer provides a world of new possibilities. Learning is personalized and while reading, writing or drawing, the student interacts directly with the content.

Technology for learning

1. Writing

- The touchscreen gives students the opportunity to explore realities with their own hands. Using the fingertips or the pen, writing and drawing tasks are now easier and more fun.
- With the "note taking SW" application, making notes on the computer takes on a new meaning. A very useful tool for practising handwriting.
- With an ergonomic design, the triangular shaped pen makes handling more comfortable. The pen is secured by a cable so that the student does not lose it. The tips are replaceable.



2. E-reading

- Reading is one of the best ways of achieving knowledge. The e-book reader is the perfect instrument to, interactively and intuitively, spark reading interest among students.

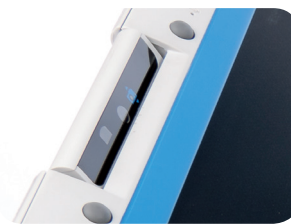


-Without occupying the space of an open notebook on the table, it allows reading anywhere, at any time, moving or stationary.

-E-reader scroll control: The "up and down" buttons make reading and navigation in e-books and digital documents easy.

3. Collaboration

- Hinge with Rotation Axis: the rotating screen allows students to share content, videos, pictures and texts with their peers or the teacher, without having to leave his seat in the classroom.



-270° Rotating Webcam: the integrated webcam rotates on a 270° maximum angle. This flexibility in capturing video and photography enhances children's creativity, which can show the surrounding reality without moving the computer.

- Dual slot for headphones: Two, three or even four children can hear the same music and watch the same video, sharing stories and content of the classroom. A way to encourage students to exchange views and work side by side, as a team.



Intel® Learning Series

Advancing Education Worldwide

Education Solution Provider

• Robust and safe

- With a design based on round edges, with no sharp points, increasing the protection of children from all angles.
- Designed with a more robust chassis, resistant to falls up to 80 cm.
- Enhanced Water resistant C-Face: The keyboard, mouse and all surrounding surfaces are resistant to water spill up to 200 cc.
- Outer Contour I/O port with enhanced protection from scratches and other damage that can reach the motherboard.



- Anti-trip power cord: the power cord has a structure that can be divided into two, preventing possible falls, both from children tripping, and the equipment itself, by touch or stretching. It also prevents damage to the cable port.

- The HDD Protection preserves the hard drive and stored content, in case of shock, vibration, or accidental fall of the laptop.
- Keyboard: Tablet-like resistant structure, with keys that are not easily removed. The lowercase characters are easily recognized by children, making writing faster.



- Antimicrobial C-Face: the surface, in contact with the user's hands, is resistant to the common spectrum of bacteria and fungi.



- Dual Kensington Lock Slot: ensures computer security at two levels. Allows the attachment of a security cable, to prevent theft in classrooms or other places where students leave the equipment. It also allows the use of the shoulder strap.

Technical specifications

Processor	Next Generation Intel® Atom™ processor-based mobile platform
Operating Systems	Genuine Windows® 7 Starter 32-Bit Genuine Windows® 7 Professional 32-Bit Additional operating system choices available
Chipset	Intel® NM10 Express Chipset
Displays	10,1" LCD 1024x600 Samsung HQ 10.1" LCD 1366x768 HD Samsung HQ (optional) Light Sensor (LCD backlight luminance auto adjustment) Palm rejection Resistive type (Catcher /ETT) Capacitive type (N-trig) (optional)
Input Devices	Ergonomic chocolate keyboard (optional) (Exclusive mg font) Multi-languages supported Water proof Keyboard / Touchpad Touchpad With scrolling bar 1xQuick Launch Button Home Button, Capture Button, Scrolling Switch
Memory	Single Channel DDR3 1 memory slots available Up to 2GB total Memory Bandwidth 800/1066MHz
Hard Drives	5400rpm Hard Drives 2,5" up to 500 GB (SATA) or SSD 2,5" SATA up to 128 GB
Connectivity	10/100 Ethernet, Realtek 8105E-VB Wireless LAN (802.11 b/g/n) (a/b/g/n optional) (b/g/n 2x2 optional) 3G (HSPA module w/ 2 antenna support) - AGPS (optional) BT 2.1 (optional)

Security Options	Dual Kensington Lock Slot – shoulder strap (optional) TPM Embedded security chip HDD protection
Expandability	Card reader: SDHC; MMC memory card USB 2.0 interface Support boot from CR
Collaboration	2 built-in speakers, Internal microphone Rotational webcam 0,3M/1.3M/2.0M, w/led indicator w/led light for keyboard
Chassis	Weight: Starting weight with 3-cell battery 1,55kg Dimension: 269x213x37,4mm Ports: 1 x DC-in jack 1 x RJ-45 LAN 3 x Jacks for Micro-in/headphone External Mic-in jack 2x External Headphone jack 2 in 1 SDHC/MMC/ memory card support 1x D-Sub 15Pin VGA port 2 USB ports 3 x USB 2.0 ports (optional) HDMI + 2x USB 2.0 (optional)
Power	3 cells: 2200 mAh 6 cells: 4400 mAh 6 cells: 5200 mAh 40w AC/adaptor Anti-trip power cord
Certifications	EMC, CE, FCC, CCC, RF, FCC&SAR / R&TTE Safety and Environment: UL/CB,CCC, WEEE, RoHS Energy Star compliance 5.0

JP Sá Couto

JP Sá Couto is a Portuguese company dedicated to the design, development and distribution of Technological Solutions, leader of a pioneering reference initiative for education based on ICT. Based on existing agreements and projects running, JP Sá Couto is the largest OEM worldwide to deploy Intel Classmate-based educational netbooks, operating currently in more than 20 countries directly or through Partners.

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