Solutions for Learning

The Best HP Devices for Education

A playbook of education products and value propositions for Intel and HP sales teams to help students, educators, and IT find the best HP products for their needs.

Intel and HP continue to build strong education innovations for today and the future. With a commitment to building value for students, and strong tools for educators, plus a long history of bringing top-quality products to the market, Intel and HP are better together.

Mission

The deep commitment to technology leadership between the companies encompasses:

- Enterprise HP platform innovation with Intel® processors
- More powerful together through global manufacturing and supply chain excellence
- Collaborative and innovative solutions and software optimization
- Advocacy for standards through joint participation in industry standards bodies
- Collaboration in global marketing and sales

Challenges Facing Educators

Digital curriculum
Digital learning

Growing number of school models

Rigorous standards & online assessment

Changing expectations

College & career readiness

New Expectations, Changing Work

- Shift from information consumers to creative problem solvers
- Read complex texts and write extensively
- Collaborate and present their work
- Become self-directed, lifelong learners

- Use technology to personalize learning
- Shift from “sage on stage” to “guide on the side”
- Meet higher expectations for student outcomes
- Increase focus on professional learning and growth

Device Functionality Considerations

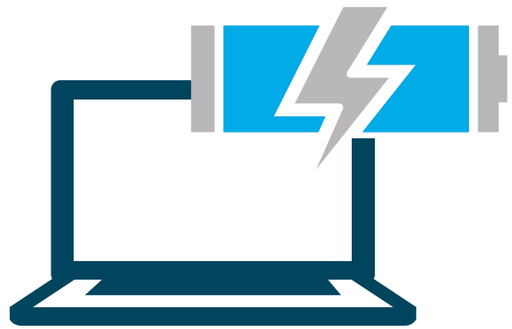
THE RIGHT QUESTIONS TO FIND THE RIGHT DEVICE.

Does it allow students and teachers to get their work done effectively?

- Use multiple apps, work online and offline
- Access to peripherals
- Supports multiple inputs

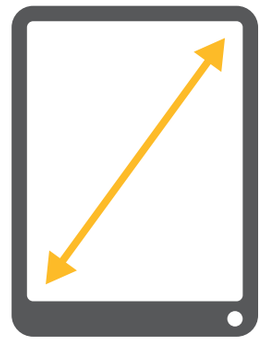
Is there enough battery life for the school day?

- Convenient for teachers and students



Is the screen size adequate to support student tasks?

- Optimal for reading comprehension



Can it handle productivity software and web applications?

- Complex software-ready, web-optimized

Options for Digital Learning

TOUCH CAPABILITIES ACROSS A RANGE OF DEVICES.

Tablet

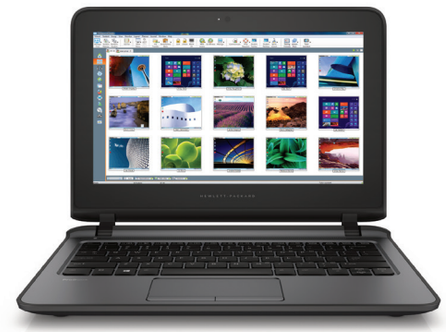
A thin, lightweight device that moves as fast as you do for media and Internet surfing. Long battery life and always on.

2 in 1

The best of both worlds. A tablet when you want it, a PC when you need it. A tablet for consuming, a laptop for creating.

Laptop

Offers the most choice of features and performance for productivity, creativity, HD multimedia, and immersive gaming.



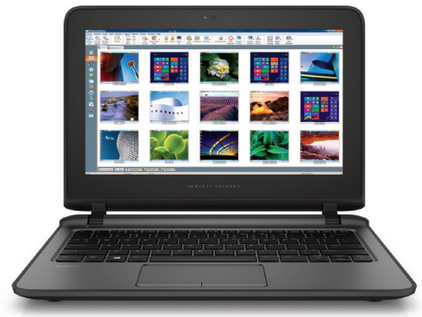
Chromebook*

Built for schools, for learning, exploring, and creating. Affordability and easy management for great impact.

There Are Many Choices...

...BUT INTEL®-POWERED DEVICES OFFER SIGNIFICANT ADVANTAGES.

Outstanding performance for students & teachers



Long lasting battery life

Many choices & a range of price points

Committed to high standards of privacy & security

Conflict free[1] processors

Works across platforms, form factors, & operating systems

Intel®-powered 10" Tablets for Education

THE MOBILITY AND USER EXPERIENCE STUDENTS AND TEACHERS NEED.
THE SECURITY, MANAGEABILITY, AND LOW TCO IT WANTS.

HP Pro Slate 10 Education Edition

- 10.1" screen
- 16 GB+ memory
- Intel® Atom™ processor Z3735G
- Optional garaged and tethered stylus

Lightning fast performance

Thin and light for mobile learning

Brilliant visuals for media and educational tools

Touch screen enhances classroom experience

Larger screen allows more productivity on the go

Great battery life for all-day learning

HP Pro Tablet 10 Education Edition

- 10.1" screen
- 64 GB+ memory
- Intel® Atom™ processor Z3735G
- Optional garaged and tethered stylus

Intel®-powered 2 in 1 for Education

GET THE BEST OF BOTH WORLDS WITH A RAZOR-THIN LAPTOP AND ULTRA-FAST TABLET IN ONE.

HP Pro X2 612 Detachable PC

- 12.5" screen
- Intel® Core™ processors
- Optional stylus
- Robust security[2]

Easily switch from a laptop to a tablet

Get the mobility of a tablet and productivity of a laptop

Connect any hardware or peripheral easily

Enjoy outstanding Windows* 8 experience and Flash* capability

Drive collaborative learning and teaching

Work longer with outstanding battery life

Intel®-powered Chromebooks* for Education

FAST, AFFORDABLE, POWERFUL EDUCATION TOOLS.

HP Chromebook 14

- 14" screen
- Intel® Celeron® processor with Intel® HD Graphics
- Built-in security, manageability

Lightning-fast browsing; 49% less waiting[3]

Hassle-free collaboration; 46% less waiting [3]

Long-lasting battery; work 57% longer[3]

Effortless multi-tasking; 46% faster without slowdowns[3]

Power up in seconds; 50% less waiting time[3]

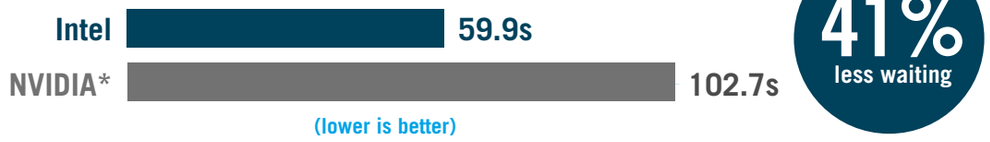
HP Chromebook 11 G3

- 11.6" screen
- 16 GB eMMC memory
- Intel® Celeron® processor N2830
- Built-in security,[2] manageability

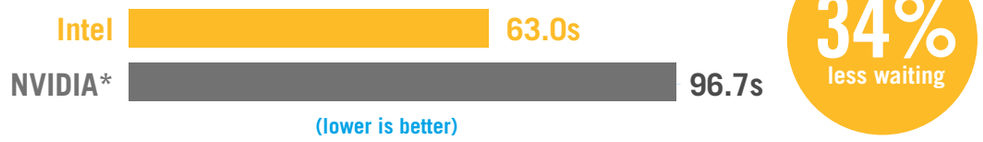
HP Chromebook*: Learn More

GIVE STUDENTS MORE TIME FOR LEARNING WITH THE HP CHROMEBOOK 14 G1 POWERED BY INTEL.[4]

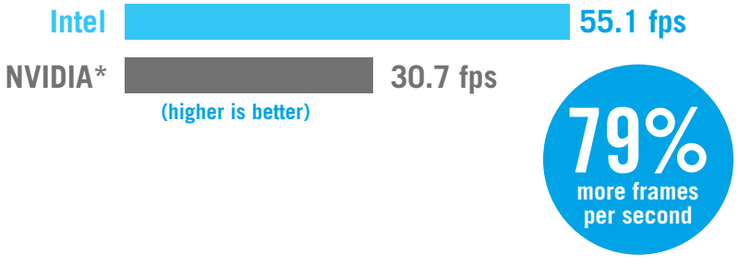
Less waiting = more time for learning in science class



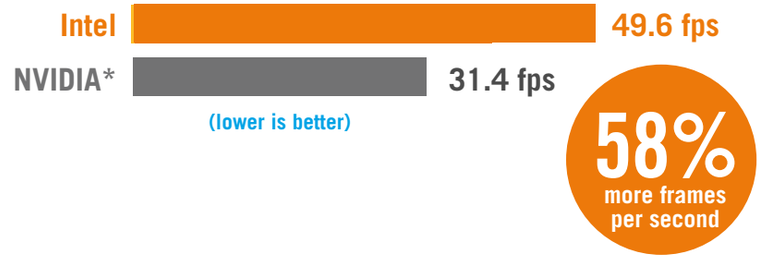
Less waiting = more time for creating a history project



More frames per second = better visual experience in BioDigital* Human



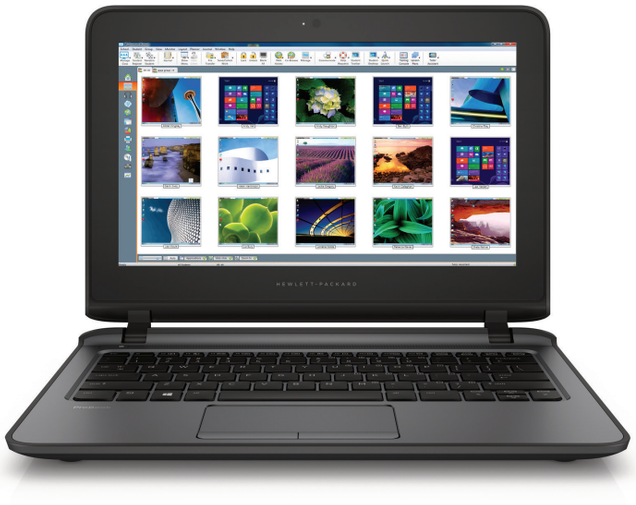
More frames per second = better visual experience in Google Maps*



Study compared the HP Chromebook 14” G1 with the NVIDIA* Tegra* K1 processor-based ACER* Chromebook 13

Intel®-powered Laptops for Education

THE BEST LEARNING EXPERIENCE ON LAPTOPS IS WITH INTEL INSIDE.®



HP ProBook 11 EE

- 11.6" screen
- Intel® Celeron® processor, Intel® Core™ i3 processor
- Light and powerful computing in the classroom
- Touch screen option
- HP School Pack Software

Lightning fast performance for intensive tasks

Security features built in[2]

Move between applications with speed and responsiveness

Long-lasting battery life for all-day learning

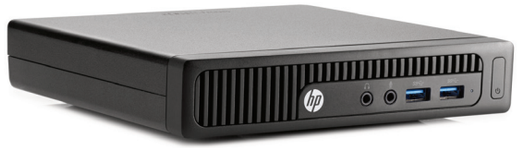
Choose the versatility of touch enabled laptops or the affordability of standard laptops

HP Stream 11 Pro Education Edition

- 11.6" screen
- Intel® Celeron® processor N2840
- Ready for cloud-based and offline productivity
- Long battery life
- Thin and light
- Office 365 for Education
- Microsoft One Drive

Intel®-powered Desktops for Education

PERFORMANCE, RELIABILITY, AND CONVENIENCE FOR DEMANDING TASKS.



HP ProDesk 260 Mini

- Mount in more places
- Light and portable
- Intel® Core™ i3 and i5 processors

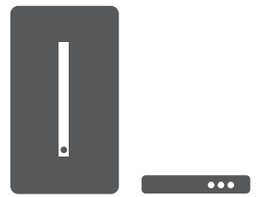
HP ProDesk 400 Mini

- Intel® Core™ i3 and i5 processors
- Intel® HD Graphics

Long-term productivity when you need it most

Add the options you need for the classroom

Tested equivalent to 50 years of daily use



Select tower or the Desktop Mini to match your space

Lightning-fast for performance-intensive tasks, such as media creation and data processing

HP ProDesk 400 G1 Series

- Two form factors: micro tower and small form factor
- 100% USB 3.0
- Intel® Pentium® processor, Intel® Core™ i3, and i5 processors

HP ProDesk 600 G1 Series

- 5th gen Intel® Core™ processors
- Connect up to 4 displays[5]

Technology Resources

5TH GENERATION INTEL® CORE™ PROCESSOR FAMILY

ON THE WEB
Intel processor catalog »

5th Generation Intel® Core™ processors »

5th Generation Intel® Core™ vPro™ processors »

Intel® Turbo Boost technology »

Intel® Hyper-Threading technology »

Intel® Active Management technology »

Intel® vPro™ technology »

Intel® WiDi/Intel® Pro WiDi »

Intel® Data Protection technology includes high quality random numbers for stronger security keys (Secure Key) and accelerated encryption and decryption (Advanced Encryption Standard—New Instructions).

Intel® Platform Protection technology includes a secure root of trust (Trusted Execution Technology), support for Windows* Secure Boot (Boot Guard), and protection against escalation of privilege attacks (OS Guard).

Intel® Identity Protection technology includes hardware-based support for multi-factor authentication (MFA), one-time passwords (OTP), Public Key Infrastructure certificates (PKI), protection against key loggers and screen scrapers (Protected Transaction Display—PTD), and simpler access to VPNs without a dedicated VPN password (No Password VPN).

Intel® Stable Image Platform Program aligns and stabilizes key Intel platform components, enabling a predictable transition from one technology generation to the next. This supports IT's ability to better maintain a standardized software image for the duration of an Intel® SIPP cycle (up to 30 months for HP business products). Intel SIPP helps lower total cost of ownership (TCO) and reduces workloads on IT.

KEY VIDEOS
Intel HP Better Together (Short Version) »

Intel HP Better Together (Long Version) »

PRODUCT VIDEOS
HP EliteBook Revolve »

HP TECHNOLOGY RESOURCES

ON THE WEB
HP Web Site »

BUSINESS RESOURCES

PC Refresh Information »

PC Refresh Return on Investment Estimator »

SMB Technology Asset Recommendation Tool (START) »

Technology Resources

EDUCATION RESOURCES

K12 Blueprint – Planning materials, webinars, case studies, toolkits, and other resources from Intel and Tech & Learning magazine supporting education technology deployments.

Intel® Education Leadership Essentials – Workshops that help leaders address the challenges of 21st century education, including preparing for online assessments, personalized learning, and device consumerization.

National Tech Goes Home – Free, Intel-sponsored resources supporting parents, students, educators, and nonprofits on the educational opportunities and uses of technology outside of the classroom.

Intel® Teach Elements – Online multimedia courses designed to prepare teachers for Common Core State Standards and explore other 21st century learning topics.

Intel® Engage – Online community for technology in K-12 classrooms that offers webinars, training, collaboration, and professional development resources and information for teachers.

Intel® Transforming Learning[6] – Courses designed to assist K-12 teachers with adapting their instruction for devices and 1:1 eLearning environments.

Chromebook Principled Technologies Study – HP comparative study on the 14" Chromebook.

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.

[1] "Conflict free" means "DRC conflict free," which is defined by the U.S. Securities and Exchange Commission rules to mean products that do not contain conflict minerals (tin, tantalum, tungsten and/or gold) that directly or indirectly finance or benefit armed groups in the Democratic Republic of the Congo (DRC) or adjoining countries. We also use the term "conflict-free" in a broader sense to refer to suppliers, supply chains, smelters and refiners whose sources of conflict minerals do not finance conflict in the DRC or adjoining countries.

[2] No computer system can provide absolute security under all conditions. Built-in security features available on select Intel® processors may require additional software, hardware, services and/or an Internet connection. Results may vary depending upon configuration. Consult your system manufacturer for more details. For more information, see http://security-center.intel.com/.

[3] Based on findings in Intel's Chromebook Competitive Guide and Principled Technologies' Chromebooks in the Classroom: A Comparison, White Paper. Configurations: Acer* C720 Chromebook on Haswell architecture vs Samsung* Chromebook on Exynos 5250, measured on browsing, app loading, video playback and Chromecast* sharing by Principled Technologies. For more information go to http://www.intel.com/performance

[4] Copyright 2015 Principled Technologies, Inc. Based on "HP Chromebook 14 G1 in the classroom," a Principled Technologies Report, March 2015. Principled Technologies* is a registered trademark of Principled Technologies, Inc. All other product names are the trademarks of their respective owners. Study compared the HP Chromebook 14" G1 with the NVIDIA* Tegra* K1 processor-based ACER* Chromebook 13. Get all the details at http://facts.pt/1KMvsvp

[5] Support for external displays as a standard feature through integrated processor-based graphics is dependent upon the particular PC platform/form factor; the actual number of displays supported will vary. An optional discrete graphics solution will be required for the support of additional displays. Additional cables required.

[6] Intel® Transforming Learning program applies to 1:1 learning and requires 3,000 unit minimum purchase.