HP ENVY Laptop 16-h0003nr (6U714UA)

Power, mobility, and seamless creativity anywhere

Experience seamless connectivity with the HP Envy 16". Combine the creative power of your devices with HP Palette. Enjoy the ultimate color accuracy on a 16" display. Plus, with the Intel® Processor[1] and powerful graphics, it can handle what you throw at it. Look and sound your best on video calls with a 5MP camera[2] with Auto Frame and AI Noise Reduction.

Instantly share images and files
Pre-loaded with HP Palette, it includes apps like HP QuickDrop, allowing you to easily transfer files wirelessly.

Powerful tools for creating
Experience the ultimate color accuracy on a 16" screen and power from the latest Intel Processor®[1] and impressive graphics.

Look your best on video calls
Experience clear video chats with AI Noise Reduction, and a 5MP camera[2] with Auto Frame and privacy shutter.

Featuring

Get a fresh perspective
Windows 11 provides a calm and creative space where you can pursue your passions through a fresh experience. From a rejuvenated Start menu, to new ways to connect to your favorite people, news, games, and content—Windows 11 is the place to think, express, and create in a natural way. [4]

A dynamic processor that adapts to you for superior multi-tasking performance
12th Gen Intel® Core™ processors distributes performance where you need it the most — saving you time and increasing your ability to do the things you actually want. [5]

Exceptional experience, anywhere
The Intel® Evo™ platform brings together the perfect combination of performance, responsiveness, battery life and stunning visuals in a new class of laptops. These designs are verified by Intel for an exceptional laptop experience, anywhere. [6]

100% sRGB
Showcase your creations in all their colors on the 100% sRGB display for maximum color broadness and accuracy.

Flicker-free
Using DC Dimming technology that controls brightness by adjusting direct current rather than cycling the backlight, we can eliminate screen flickering for more comfortable viewing. [7]

Windows 11

Specifications

Operating system	Windows 11 Home
Product color	Natural silver aluminum
Processor family	12th Generation Intel® Core™ i7 processor
Processor	Intel® Core™ i7-12700H (up to 4.7 GHz with Intel® Turbo Boost Technology, 24 MB L3 cache, 14 cores, 20 threads) [6,7]
Chipset	Intel® Integrated SoC
Memory	16 GB DDR5-4800 MHz RAM (2 x 8 GB)
Internal Storage	1 TB PCIe® NVMe™ TLC M.2 SSD
Product design	Sandblasted, anodized finish
Optical drive	Optical drive not included
Graphics	Discrete
Graphics (discrete)	Intel® Arc™ A370M Graphics (4 GB GDDR6 dedicated)
Graphics	Integrated
Graphics (integrated)	Intel® Iris® Xe Graphics
Display	40.6 cm (16") diagonal, WQXGA (2560 x 1600), 120 Hz, IPS, edge-to-edge glass, micro-edge, Low Blue Light, 400 nits, 100% sRGB
Display	16" diagonal, WQXGA (2560 x 1600), 120 Hz, IPS, edge-to-edge glass, micro-edge, Low Blue Light, 400 nits, 100% sRGB
Display size (diagonal)	40.6 cm (16")
Display size (diagonal)	16"
Audio	Audio by Bang & Olufsen; Quad speakers; HP Audio Boost
Minimum dimensions (W x D x H)	35.74 x 25.18 x 1.99 cm *(Dimensions vary by configuration)*
Minimum dimensions (W x D x H)	14.07 x 9.91 x 0.78 in
Weight	Starting at 2.32 kg *(Weight varies by configuration)*
Weight	Starting at 5.12 lb
Keyboard	Full-size, backlit, natural silver keyboard
Pointing device	HP Imagepad with multi-touch gesture support
Input devices	Accelerometer; IR Thermal sensor; Ambient light sensor
Camera	HP True Vision 5MP IR camera with camera shutter, temporal noise reduction and integrated dual array digital microphones
Ports	2 Thunderbolt™ 4 with USB4™ Type-C® 40Gbps signaling rate (USB Power Delivery, DisplayPort™ 1.4, HP Sleep and Charge); 1 SuperSpeed USB Type-A 10Gbps signaling rate (HP Sleep and Charge); 1 SuperSpeed USB Type-A 10Gbps signaling rate; 1 HDMI 2.1; 1 AC smart pin; 1 headphone/microphone combo [19,20,42]
Expansion slots	1 microSD media card reader
Package dimensions (W x D x H)	6.9 x 59.8 x 34.5 cm
Package weight	3.71 kg
Wireless	Intel® Wi-Fi 6E AX211 (2x2) and Bluetooth® 5.2 combo (Supporting Gigabit data rate)
Power supply type	150 W Smart AC power adapter
Battery type	6-cell, 83 Wh Li-ion polymer
Battery life	Up to 9 hours and 45 minutes [3]
Battery recharge time	Supports battery fast charge: approximately 50% in 30 minutes [5]
Battery weight	0.68 lb
Battery weight	310 g
Ecolabels	EPEAT® registered
Energy star certified	ENERGY STAR® certified
Sustainable impact specifications	Ocean-bound plastic in bezel, speaker enclosure(s) and hinge cap(s); Recycled metal in cover, keyboard frame and base; Keyboard keycaps and scissors contain post-consumer recycled plastic
Security management	All-in-One keyboard; Trusted Platform Module (Firmware TPM) support
Software included	McAfee LiveSafe™

Software – Productivity & finance	1 month trial for new Microsoft 365 customers[24]
Cloud service	25 GB Dropbox storage for 12 months[1]
UPC number	196786480072

Top Recommended Displays, Accessories and Services

HP Home Monitors

HP U32 4K HDR Monitor	368Y5AA
HP U32 4K HDR Monitor	368Y6AA
HP U28 4K HDR Monitor	1Z978AA
HP U28 4K HDR Monitor	1Z979AA
HP U28 4K HDR Monitor	1Z980AA

HP Value Displays

HP M27fq QHD Monitor	2H4B5AA
HP M27fq QHD Monitor	2H4B8AA

Port Replicators

HP Universal USB-C Multiport Hub	50H55AA
HP Universal USB-C Multiport Hub	50H98AA

Mice

HP 930 Creator Wireless Mouse	1D0K9AA
HP ENVY Rechargeable Mouse 500	2LX92AA
HP Spectre Rechargeable Mouse 700	3NZ70AA

Keyboards

HP 970 Programmable Wireless Keyboard	3Z729AA

Power Adapters

HP Pavilion High Power Adapter 150W	2DR33AA

Messaging Footnotes

[1] Multi-core is designed to improve the performance of certain software products. Not all customers or software applications will necessarily benefit from the use of this technology. Performance and clock frequency will vary depending on application workload and your hardware and software configurations. Intel's numbering is not a measurement of higher performance.

[2] Features may require software or other 3rd party applications to provide the described functionality. Internet service required and not included.

[4] Not all features are available in all editions or versions of Windows. Systems may require upgraded and/or separately purchased hardware, drivers, software or BIOS update to take full advantage of Windows functionality. Windows is automatically updated and enabled. High speed internet and Microsoft account required. ISP fees may apply and additional requirements may apply over time for updates. See http://www.windows.com.

[5] Multi-core is designed to improve performance of certain software products. Not all customers or software applications will necessarily benefit from use of this technology. Performance and clock frequency will vary depending on application workload and your hardware and software configurations. Intel's numbering is not a measurement of higher performance.

[6] Intel and Core are trademarks of Intel Corporation in the U.S. and other countries.

[7] The flicker-free capability eliminates screen flickering through integrating DC-dimming LED backlights.

Technical Specifications Footnotes

[1] 25 GB of free Dropbox storage for 12 months from date of registration. For complete details and terms of use, including cancellation policies, visit the Dropbox website at https://www.dropbox.com/help/space/hp-promotion. Internet service required and not included.

[3] Windows 10 MobileMark 18 Battery life will vary depending on various factors including product model, configuration, loaded applications, features, use, wireless functionality, and power management settings. The maximum capacity of the battery will naturally decrease with time and usage. See https://bapco.com/products/mobilemark-2018/ for additional details.

[5] Recharges your battery up to 50% within 30 minutes when the system is off (using "shut down" command). Recommended for use with the HP adapter provided with the notebook, not recommended with a smaller capacity battery charger. After charging has reached 50% capacity, charging speed will return to normal speed. Charging time may vary +/-10% due to System tolerance. Available on select HP products. See http://store.hp.com for a full list of product features.

[6] Multi-core is designed to improve performance of certain software products. Not all customers or software applications will necessarily benefit from use of this technology. Performance and clock frequency will vary depending on application workload and your hardware and software configurations. Intel's numbering, branding and/or naming is not a measurement of higher performance.

[7] Intel® Turbo Boost performance varies depending on hardware, software and overall system configuration. See http://www.intel.com/technology/turboboost/ for more information.

[19] For best results with HP Sleep and Charge, use a USB charging protocol standard cable or cable adapter with an external device.

[20] SuperSpeed USB 20Gbps is not available.

[24] Must activate within 180 days of Windows activation.

[42] For optimal performance and battery chargeability while gaming and rendering, use the power adapter that ships with the PC. You can use the 100W/20V Type-C adapter or power bank when running light loading tasks. System-off charging is only supported on 20V Type-C adapter or power bank.