Datasheet

HP ENVY 15 Laptop PC

As limitless as your imagination
Performance meets precision. Harness the power of the ENVY 15 Laptop with latest Intel® Core™ processors, NVIDIA® GeForce® RTX 2060 graphics and up to 4K[1] OLED display so you can create in true-to-life colours with ease. Ensure your creations stay private with features designed for your peace of mind.

Natural Silver

High Performance

Edge-to-Edge Display

Privacy

Create fast so you can share faster
Create fast with up to 10th Gen, 8-core Intel® Core™ processors, NVIDIA® GeForce® RTX 2060 with Max-Q[2] Design graphics, up to 32GB DDR4 memory and RAID 0 (2xSSD) storage. Gaming-class thermal solutions include a vapor chamber, IR thermal sensor and hidden vents on three sides so you can run cool when multitasking between creating, editing and sharing.

Make every pixel perfect
Unleash unparalleled realism with the 15" diagonal, 4K[4] OLED micro-edge display which supports DCI-PC colour gamut[3]. It's perfect for colour-critical projects allowing you to achieve the desired colour and showcase your creation with precise detail. With HP Display Control, enjoy Delta E <2 colour accuracy, with reds and greens are as vibrant as you intended.

Keep it confidential
Keep your creations under wraps until you're ready to share with peace of mind features like an unhackable camera shutter, dedicated microphone mute button and fingerprint reader.

Features

Windows 10 (with Windows Hello)

Do great things confidently with the familiar feel of Windows[1] – only better. Be more secure, more productive, and get more personal with preinstalled features and enhancements like Windows Hello and Cortana.[2]

NVIDIA® GeForce® RTX 2060 with Max Q

Give your multimedia experience a boost with maximum performance. Take on your biggest demands like intensive content creation and serious multitasking with ease.

Vapor Chamber Cooling (Only for GTX 1660Ti and RTX 2060)

Stay cool, calm and creative under intense multi-application workloads. Vapor chamber cooling maximizes airflow two-dimensionally and minimizes hotspots, dissipating heat generated by the CPU and GPU to optimize your system's heat management during extended usage.

HP Fast Charge (50% in 45 mins)

Power down your device and go from 0 to 50% charge in approximately 45 minutes.[4]

HP Dual Speakers with Bang & Olufsen, Audio Boost

With HP Dual Speakers, HP Audio Boost, and custom tuning by the experts at Bang & Olufsen, entertainment comes to life with sound you can feel. Awaken your senses with PC audio perfection.

Fingerprint reader

Seamlessly log in into your device with the touch of your finger. Patented 3-D fingerprint technology ensures secure access and online payments.[6]

10th Generation Intel® Core™ Processors

Upgrade performance with smooth system responsiveness and fast load times for an exceptional PC experience. Supporting resolution up to stunning 4K, stream premium content, or even create your own.[3]

Camera Shutter

No more unsightly tape and tacky gum to hide your private moments. Ensure your privacy and security with a visible, physical shutter that turns off your PC's camera when not in use.

HP Display Control (UHD Display only)

Four different display modes – Technicolor Color Certified, Low Blue Light, Reading, and Evening – let you adjust the display based on your needs. The Low Blue Light setting helps reduce the blue light that might impact your sleep.

HP Wide Vision HD Camera

The 88-degree, wide-angle field of view lets you video chat with the entire family or group of friends in crystal clear detail.[5]

HP Command Center

This simple utility puts you in control, allowing you to optimize and customize performance, fan speed and noise, and external temperature—all to meet your needs.

HP QuickDrop

This bridge between your PC and mobile device lets you share mobile content right to your PC with a simple, secure Wi-Fi connection.

Technical specifications

Operating System[1]	Windows 10 Home
Processor[2]	Intel® Core™ i9-10885H (2.4 GHz base frequency[9], up to 5.3 GHz with Intel® Turbo Boost Technology[10], 16 MB L3 cache, 8 cores) Intel® Core™ i7-10750H (2.6 GHz base frequency[9], up to 5 GHz with Intel® Turbo Boost Technology[10], 12 MB L3 cache, 6 cores) Intel® Core™ i5-10300H (2.5 GHz base frequency[9], up to 4.5 GHz with Intel® Turbo Boost Technology[10], 8 MB L3 cache, 4 cores)
Chipset	Intel® HM470
Integrated Graphics	Intel® UHD Graphics NVIDIA® GeForce RTX™ 2060 with Max-Q design (6 GB GDDR6 dedicated) NVIDIA® GeForce® GTX 1660 Ti with Max-Q design (6 GB GDDR6 dedicated) NVIDIA® GeForce® GTX 1650 Ti (4 GB GDDR6 dedicated)
Display[3]	39.6 cm (15.6") diagonal 4K UHD, UWVA, BrightView, micro-edge, AMOLED, multitouch-enabled, edge-to-edge glass, 400 nits, 100% DCI-P3 (3840 x 2160) 39.6 cm (15.6") diagonal FHD, IPS, micro-edge WLED-backlit, multitouch-enabled, edge-to-edge glass, 400 nits, 100% sRGB (1920 x 1080) 39.6 cm (15.6") diagonal FHD, IPS, anti-glare, micro-edge, WLED-backlit, 400 nits, 100% sRGB (1920 x 1080) 39.6 cm (15.6") diagonal FHD, IPS, anti-glare, micro-edge, WLED-backlit, 300 nits, 72% NTSC (1920 x 1080)
Standard Memory	Dual channel memory support, customer accessible/upgradeable Up to 32 GB DDR4-2933 SDRAM
Storage	Up to 512 GB Intel® SSD 32 GB Intel® Optane™ memory Up to 2 TB PCIe® NVMe™ TLC M.2 SSD Up to Two 1 TB PCIe® NVMe™ TLC M.2 SSD with Raid 0 configured
Networking/Wireless[2,4]	Intel® Wi-Fi 6 AX 201 (2x2) and Bluetooth® 5 combo (Supporting Gigabit file transfer speeds) MU-MIMO supported
I/O ports[2]	2 Thunderbolt™ 3 (40Gbps signaling rate) with SuperSpeed USB Type-C® 10Gbps signaling rate (USB Power Delivery, DisplayPort™ 1.4, HP Sleep and Charge) (For GTX 1660Ti and RTX 2060 Only) 2 SuperSpeed USB Type-C® 5Gbps signaling rate (USB Power Delivery, DisplayPort™ 1.4, HP Sleep and Charge) (For GTX 1650Ti Only) 1 SuperSpeed USB Type-A 5Gbps signaling rate (HP Sleep and Charge) 1 SuperSpeed USB Type-A 5Gbps signaling rate 1 headphone/microphone combo 1 AC smart pin 1 HDMI 2.0
Security	Fingerprint reader
Sensors	IR Thermal Sensor
Media Card Reader	1 microSD media card reader
Webcam/MIC	HP Wide Vision HD Camera with camera shutter and integrated dual array digital microphone
Audio	Audio by Bang & Olufsen Dual speakers HP Audio Boost
Keyboard/Touchpad	Full-size island-style backlit keyboard HP Imagepad with multi-touch gesture support Precision Touchpad Support
Power/Battery[5]	150 W Smart AC power adapter 200 W Smart AC power adapter 6-cell, 83 Wh Li-ion polymer Support battery fast charge - Approximately 50% in 45 minutes[8]
Software[2,6]	Multimedia & Entertainment HP Audio Switch, iQiyi[6], Alexa[11] Product Support HP Support Assistant, HP Documentation, HP JumpStart, McAfee LiveSafe™ (30-day trial), HP Connection Optimizer, HP e-Service[6], HP PC Hardware Diagnostics Windows Productivity & Lifestyle HP QuickDrop, 1 month trial for new Microsoft® Office 365 customers, Dropbox[7], HP Command Center, Express VPN(30 day free trial)[7], LastPass password manager(30 day free trial)[7]
Dimensions (mm)/Weight (kg)	357.9 x 236.8 x 18.45 mm / From 2.148kg

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. [10] Intel® Turbo Boost performance varies depending on hardware, software and overall system configuration. See intel.com/technology/turboboost/ for more information. [11] Available for Australia, India and Japan.

Recommended Accessories

HP Envy Rechargeable Mouse 500
(2LX92AA/2WX69AA)

Silver, Rose Gold

Being at the pinnacle of productivity requires a device that understands the balance between performance and precision. With meticulous design and undeniable power, this mouse is as versatile as it is comfortable, seamlessly fitting into your lifestyle— from your office to your life at home.

HP ENVY USB-C Hub
(5LX63AA#UUF)

Black

Travel light and stay productive on the go with this multi-port hub that makes it easy to connect to your accessories. Equipped with a range of ports, and measuring smaller than most cell phones[1], this essential travel tool connects your HP laptop to all your accessories no matter where you are.

HP Stereo Headset H2800
(2AP94AA/2AP95AA)

Silk Gold, Pike Silver

Enjoy immersive sound and a comfortable fit with the convenience of an in-line microphone and audio controls. The wired HP H2800 Headset works with most computers, tablets, and smartphones so you can use one headset across your devices.

HP ENVY Uptown Collection (Tote Bag, Convertible Bag & Backpack)
(5DW95AA#UUF/5DW93AA#UUF/5DW97AA#UUF)

Black

Start your day with an elegant accessory designed to keep up with you. Beautifully crafted for travel and organizing your technology, this is inspired by the needs of today's stylish and busy commuter. No matter where you go, you can rest assured your laptop is safe, secure, and easily accessible.

HP ENVY Urban Sleeve, Backpack, Briefcase, Tote
(3KJ71AA#UUF/3KJ72AA/ 3KJ73AA/3KJ74AA)

Grey

Your next adventure calls for a backpack/briefcase/bag that keeps up with it all. Perfectly tailored for travel and organizing your technology, this bag was inspired by the needs of today's busy commuter.

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[1] Compared to 14.2 x7 x8 cm cell phone.

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