

Feature	Specifications
Series name	HP Pavilion 16 inch Laptop PC 16-af0000
Release month and year	March 2024
Processor options	- Intel® Core™ Ultra 7 155U (up to 4.8 GHz with Intel® Turbo Boost Technology, 12 MB L3 cache, 12 cores, 14 threads) - Intel® Core™ Ultra 5 125U (up to 4.3 GHz with Intel® Turbo Boost Technology, 12 MB L3 cache, 12 cores, 14 threads) - Intel® Core™ 7 150U (up to 5.4 GHz with Intel® Turbo Boost Technology, 12 MB L3 cache, 10 cores, 12 threads) - Intel® Core™ 5 120U (up to 5.0 GHz with Intel® Turbo Boost Technology, 12 MB L3 cache, 10 cores, 12 threads)
Chipset	Intel® integrated SoC
Memory, standard	Dual Channel Memory support Maximum supported memory: 32 GB
Memory options	For models configured with Intel® Core™ Ultra 7 155U or Core™ Ultra 5 125U: 32 GB LPDDR5x-7467 MHz RAM (onboard) NOTE: Available as an option only on models configured with the discrete graphics card. 16 GB LPDDR5x-7467 MHz RAM (onboard) 8 GB LPDDR5-6400 MHz RAM (onboard) For models configured with Intel® Core™ 7 150U or Core™ 5 120U: 32 GB LPDDR5-4800 MHz RAM (onboard) 16 GB LPDDR5-4800 MHz RAM (onboard) 8 GB LPDDR5-4800 MHz RAM (onboard)
Graphics (integrated)	Intel® Graphics
Discrete graphics card	NVIDIA® GeForce® MX570 A (4 GB GDDR6 dedicated) NOTE: Available as an option only on models configured with the Intel® Core™ Ultra 7 155U processor.
Storage options	2 TB PCIe® Gen4 NVMe™ Performance M.2 SSD NOTE: Available as an option only on models configured with the discrete graphics card. 1 TB PCIe® Gen 4.0 x4 NVMe™ TLC M.2 Solid-State Drive 512 GB PCIe® Gen 4.0 x4 NVMe™ TLC M.2 Solid-State Drive
Optical drive	Optical drive not included

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Display panel options	40.6 cm (16.0 in) diagonal, 2K (2048 x 1280), OLED, 120 Hz, 1 ms response time, UWVA, micro-edge, BrightView, Low Blue Light, SDR 400 nits, HDR 500 nits, 100% DCI-P3 TUV with Eyesafe® Display for Low Blue Light IMAX Enhanced certified 40.6 cm (16.0 in) diagonal, WUXGA (1920 x 1200), touchscreen, IPS, micro-edge, antiglare, 300 nits, 62.5% sRGB 40.6 cm (16.0 in) diagonal, WUXGA (1920 x 1200), IPS, micro-edge, antiglare, 300 nits, 62.5% sRGB 16:10 aspect ratio Flicker free
Wireless card options	- Realtek Wi-Fi 6 (2x2) and Bluetooth® 5.3 wireless card - Intel® Wi-Fi 6E AX211 (2x2) and Bluetooth® 5.3 wireless card NOTE: Wi-Fi 6E functionality requires a separately purchased router to function in the 6 GHz band. Wi-Fi 6E is backwards compatible with prior 802.11 specifications. NOTE: Wireless access point and internet service required and not included. Only limited public wireless access points are available. The specifications for the 802.11 are draft specifications and are not final. If the final specifications differ from the draft specifications, it might affect the ability of the device to communicate with other WLAN devices. Modern Standby (Connected) HP Extended Range Wireless LAN (available with select models only)
External ports	(2) USB 3.2 Gen 2.0 Type-C® ports; 10 Gbps signaling rate (USB Power Delivery, DisplayPort™ 1.4, HP Sleep and Charge) (1) USB 3.2 Gen 2.0 Type-A port; 10 Gbps signaling rate (1) USB 3.2 Gen 1.0 Type-A port; 5 Gbps signaling rate (1) HDMI 2.1 port (1) Headphone/microphone combo port
Minimum dimensions (W x D x H)	35.77 x 25.48 x 1.79 cm (14.08 x 10.03 x 0.70 in)
Weight	Starting at 1.799 kg(3.97 lb) NOTE: Weight varies by configuration and components.
Power supply type	100 W USB Type-C® power adapter (models configured with discrete graphics card) 65 W USB Type-C® power adapter
Battery type	3-cell Li-ion Polymer Battery: 59 Wh NOTE: Actual battery Watt-hours (Wh) varies from design capacity. Battery capacity naturally decreases with shelf life, time, usage, environment, temperature, system configuration (apps, features, power management settings, wireless), and other factors. Supports fast battery charging (50% charged in 30 minutes). NOTE: Recharges your battery up to 50% when the system is off. After charging reaches 50% capacity, the charging speed returns to normal. Charging time might vary +/-10% due to system tolerance.

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Keyboard	Full-size, backlit keyboard with numeric keypad Soft grey and darker sky blue
Webcam	HP True Vision 1080p FHD IR camera with temporal noise reduction and integrated dual array digital microphones HP True Vision 1080p FHD camera with temporal noise reduction and integrated dual array digital microphones
Audio	Dual Speakers DTS:X® Ultra Supports HP Audio Boost