

ProductSheet  
**HP Pavilion Laptop 16-af0007TU (A13J6PA)**



**Meet HP Pavilion 16 Laptop, the one PC for all your needs**

Bring your designs to life or edit your projects on the go with the HP Pavilion 16-inch PC. The latest Intel® Core™ Processors[1] and HP Fast Charge[2] enable uninterrupted multitasking. Immerse yourself in the entertainment you love with the enhanced LCD display and share your ideas through the FHD camera. A PC that has got you covered.



**Set course on a visual adventure with the enhanced 16 inch display**

Enjoy your favorite content with less bezel for a greater view and rich visuals on an expansive screen.

**Break new creative ground everyday**

Amp your productivity with an Intel® Processor[1], HP Fast Charge[2], larger touchpad and expanded port lineup.

**Share your projects from anywhere**

Present your creations and ideas with the FHD IR camera with manual shutter and facial recognition[3].

**Featuring**

**Get a fresh perspective**

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. [5]

**Game without compromise. Go beyond performance with Intel Core Ultra Processors.**

Be everything you want to be, in-game and out with optimized performance and new features. Play harder and work smarter with Intel Core Processors. [6]

**Intel® Graphics**

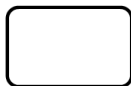
With Intel® Arc™ graphics1 built-in, AI powers advanced creation and gameplay. Enjoy the high performance needed for accelerated creation and immersive high-resolution gaming, even while on-the-go. [7]

**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. [8]

**Widescreen Ultra Extended Graphics Array Display**

Experience your game in 1920 x 1200 pixels. [9]



## Specifications

<b>Operating system</b>	Windows 11 Home
<b>Product color</b>	Natural silver aluminum
<b>Processor family</b>	Intel® Core™ Ultra 7 processor
<b>Processor</b>	Intel® Core™ Ultra 7 155U (up to 4.8 GHz with Intel® Turbo Boost Technology, 12 MB L3 cache, 12 cores, 14 threads) [6,7]
<b>Chipset</b>	Intel® integrated SoC
<b>Memory</b>	16 GB LPDDR5x-7467 MT/s (onboard)
<b>Internal Storage</b>	512 GB PCIe® NVMe™ SSD
<b>Product design</b>	Matte finish
<b>Graphics</b>	Integrated
<b>Graphics (integrated)</b>	Intel® Graphics
<b>Display</b>	40.6 cm (16") diagonal, WUXGA (1920 x 1200), touch, IPS, micro-edge, anti-glare, 300 nits, 62.5% sRGB
<b>Display size (diagonal)</b>	40.6 cm (16")
<b>Audio</b>	DTS:X® Ultra; Dual speakers; HP Audio Boost
<b>Minimum dimensions (W x D x H)</b>	35.77 x 25.48 x 1.79 cm (front); 35.77 x 25.48 x 1.86 cm (rear)
<b>Weight</b>	1.77 kg
<b>Keyboard</b>	Full-size, backlit, soft grey keyboard with numeric keypad
<b>Pointing device</b>	HP Imagepad; Precision Touchpad support
<b>Camera</b>	HP True Vision 1080p FHD camera with temporal noise reduction and integrated dual array digital microphones
<b>Ports</b>	2 USB Type-C® 10Gbps signaling rate (USB Power Delivery, DisplayPort™ 1.4, HP Sleep and Charge); 1 USB Type-A 10Gbps signaling rate; 1 USB Type-A 5Gbps signaling rate; 1 HDMI-out 2.1; 1 headphone/microphone combo <sup>[19]</sup>
<b>Package dimensions (W x D x H)</b>	6.9 x 55.2 x 30.5 cm
<b>Package weight</b>	2.52 kg
<b>Wireless</b>	Realtek Wi-Fi 6 (2x2) and Bluetooth® 5.3 wireless card (supporting gigabit data rate) <sup>[11,12,13,46]</sup>
<b>Power supply type</b>	65 W USB Type-C® power adapter
<b>Battery type</b>	3-cell, 59 Wh Li-ion polymer ( <sup>[23]</sup> )
<b>Battery life</b>	Up to 11 hours <sup>[3]</sup>
<b>Battery recharge time</b>	Supports battery fast charge: approximately 50% in 30 minutes <sup>[5]</sup>
<b>Ecolabels</b>	EPEAT® Gold registered
<b>Energy star certified</b>	ENERGY STAR® certified
<b>Sustainable impact specifications</b>	Ocean-bound plastic in speaker enclosure(s) and bezel; Keyboard keycaps and scissors contain post-consumer recycled plastic; Recycled metal in cover, keyboard frame, sideband and hinge cap(s)
<b>Security management</b>	Mic mute key; Camera privacy shutter; Trusted Platform Module (Firmware TPM) support
<b>Cloud service</b>	25 GB Dropbox storage for 12 months <sup>[1]</sup>
<b>UPC number</b>	198122704040
<b>Manufacturer Warranty</b>	1 year (1/1/0) limited warranty includes 1 year of parts and labor. No on-site repair. Terms and conditions vary by country. Certain restrictions and exclusions apply.

## Top Recommended Displays, Accessories and Services

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### Series 5

HP Series 5 31.5 inch FHD Monitor - 532sf	94F51AA
HP Series 5 27 inch FHD Height Adjust Monitor - 527sh	94C51AA

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### HP Home Monitors

HP M27fq QHD Monitor	2H4B8AA
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### Personal Systems Consumer Care Pack Services

HP 3 years Next Business Day Onsite Notebook Service	U0H90E
HP 3 year Next business day Onsite plus Accidental Damage Protection Notebook Only Service	U6WD1E

## Messaging Footnotes

[1] 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.

[2] 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.

[3] Features may require software or other 3rd party applications to provide the described functionality.

[5] 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>.

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

[7] Intel® Arc™ graphics only available on select H-series Intel® Core™ Ultra processor powered systems with at least 16GB of system

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

[9] WUXGA content is required to view WUXGA images.

## 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] MobileMark 25 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-25/> 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.

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

[11] Wi-Fi 6 is designed to support gigabit data rate when transferring files between two devices connected to the same router. Requires a wireless router, sold separately, that supports 80MHz and higher channels.

[12] Wi-Fi 6E requires a Wi-Fi 6E router, sold separately, to function in the 6GHz band. Availability of public wireless access points limited. Wi-Fi 6E is backwards compatible with prior 802.11 specs. And available in countries where 6GHz is supported.

[13] Wi-Fi 6 (802.11ax) is not supported in Belarus where Wi-Fi settings will be optimized to local regulatory requirements (802.11ac).

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

[46] Bluetooth® 5.3 operation requires Microsoft OS/Chrome OS support. Until Microsoft OS/Chrome OS support is available, Bluetooth® 5.3 will function as Bluetooth® 5.2 or lower.

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