HP Pavilion 15-eh1024na AMD Ryzen™ 5 5500U Laptop 39.6 cm (15.6") Touchscreen Full HD 8 GB DDR4-SDRAM 512 GB SSD Wi-Fi 5 (802.11ac) Windows 11 Home Silver

Brand : HP   **Product family:** Pavilion   **Product code:** 8B587EA

Product name : 15-eh1024na

- AMD Ryzen™ 5 5500U (up to 4.0 GHz max boost clock, 8 MB L3 cache, 6 cores, 12 threads)
- Windows 11 Home
- 39.6 cm (15.6") diagonal FHD touch display
- AMD Radeon™ Graphics
- 8 GB memory; 512 GB SSD storage

Pavilion Laptop 15-eh1024na, Windows 11 Home, 15.6", touch screen, AMD Ryzen™ 5, 8GB RAM, 512GB SSD, FHD, Natural silver

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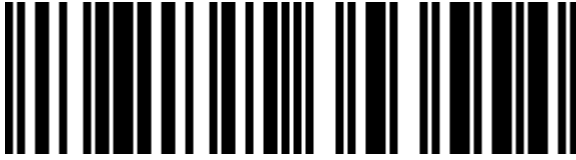
Sophistication at work. Gratification at play.
The Pavilion 15.6 inch Laptop packs more performance into a smaller profile, so you can get more done wherever you go. Enjoy mind-blowing entertainment with a micro-edge screen and Audio by B&O.

Design	
Colour name	Natural silver aluminum cover and keyboard frame, natural silver base
Product type *	Laptop
Product colour *	Silver
Form factor *	Clamshell
Market positioning	Everyday
Product design	Sandblasted cover and keyboard frame, paint finish base
Original brand name	HP

Display	
Display diagonal *	39.6 cm (15.6")
Display resolution *	1920 x 1080 pixels
Touchscreen *	✔
HD type	Full HD
Panel type	IPS
Native aspect ratio	16:9
Display surface	Gloss
Anti-glare screen	✔
Display bezel technology	Micro-Edge
Display brightness	250 cd/m²
Display diagonal (metric)	39.6 cm
RGB colour space	NTSC
Colour gamut	45%

Processor	
Processor manufacturer *	AMD
Processor family *	AMD Ryzen™ 5
Processor model *	5500U
Processor cores	6
Processor threads	12
Processor boost frequency	4 GHz
Processor frequency *	2.1 GHz
Processor cache	8 MB
Processor cache type	L3

Network	
MIMO	✔
MIMO type	Multi User MIMO

Ports & interfaces	
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
HDMI ports quantity *	1
HDMI version	2.0
Combo headphone/mic port	✔
Charging port type	USB Type-C
USB Type-C DisplayPort Alternate Mode	✔
USB Power Delivery	✔
USB Sleep-and-Charge	✔
USB Sleep-and-Charge ports	1

Performance	
Motherboard chipset	AMD SoC

Keyboard	
Pointing device	Touchpad
Numeric keypad *	✔
Keyboard backlit	✔
Island-style keyboard	✔
Full-size keyboard	✔
Keyboard colour name	natural silver

Software	
Pre-installed software	ExpressVPN (30 day free trial); LastPass Premium (30 day free trial), 1 month trial for new Microsoft 365 customers, McAfee Online Protection 30-day trial; 1-month Adobe free trial offer
Trial software	25 GB Dropbox storage for 12 months

Memory

Internal memory *	8 GB
Internal memory type	DDR4-SDRAM
Memory clock speed	3200 MHz
Memory form factor	SO-DIMM
Memory layout (slots x size)	2 x 4 GB
Memory slots	2x SO-DIMM
ECC	✘
Non-ECC	✔

Storage

Total storage capacity *	512 GB
Storage media *	SSD
Total SSDs capacity	512 GB
Number of SSDs installed	1
SSD capacity	512 GB
SSD interface	PCI Express
NVMe	✔
SSD form factor	M.2
Optical drive type *	✘
Card reader integrated	✔
Compatible memory cards	SD

Graphics

Discrete graphics card model *	Not available
On-board graphics card *	✔
On-board GPU manufacturer	AMD
Discrete graphics card *	✘
On-board graphics card family	AMD Radeon Graphics
On-board graphics card model *	AMD Radeon Graphics
AMD FreeSync	✔

Audio

Audio system	B&O PLAY
Built-in speaker(s)	✔
Number of built-in speakers	2
Speakers manufacturer	Bang & Olufsen
Built-in microphone	✔

Camera

Front camera	✔
Front camera HD type	HD

Network

Top Wi-Fi standard *	Wi-Fi 5 (802.11ac)
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac)
Mobile network connection *	✘
Antenna type	1x1
WLAN controller model	Realtek RTL8821CE-M
WLAN controller manufacturer	Realtek
Ethernet LAN	✘
Bluetooth	✔
Bluetooth version	4.2
Miracast	✔

Software

Operating system installed *	Windows 11 Home

Brand-specific features

HP Audio Boost	✔
HP speaker type	HP Dual Speakers
HP Audio Switch	✔
HP Connection Optimizer	✔
HP Smart AC Adapter	✔
HP Imagepad	✔
HP front camera	HP Wide Vision HD
HP Security tools	Kensington Nano Security lock slot; Trusted Platform Module (Firmware TPM) support
HP Software provided	HP Audio Switch; HP Connection Optimizer; OMEN Gaming Hub
HP segment	Home
HP GTIN (EAN/UPC)	197192353554

Battery

Battery technology	Lithium-Ion (Li-Ion)
Number of battery cells	3
Battery capacity *	41 Wh
Battery life (max)	8.75 h
Continuous video playback time	9.25 h
Fast charging	✔
Fast charging time (50%)	45 min

Power

AC adapter power	45 W
AC adapter frequency	50 - 60 Hz
AC adapter input voltage	100 - 240 V

Security

Cable lock slot	✔
Cable lock slot type	Kensington
Trusted Platform Module (TPM)	✔
Password protection	✔
Password protection type	BIOS, Power on, User

Sustainability

Sustainability compliance	✔
Sustainability certificates	ENERGY STAR, EPEAT Silver
Sustainable technologies and materials	Ocean-bound plastic in speaker enclosure

Weight & dimensions

Width	360.2 mm
Depth	234 mm
Height	17.9 mm
Weight *	1.75 kg

Packaging data

Package width	69 mm
Package depth	520 mm
Package height	305 mm
Package weight	2.34 kg

Packaging content

Stylus pen	✘

Logistics data

Harmonized System (HS) code	8471300000

Other features

Number of speakers	2

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