HP Pavilion 15-eh3001na AMD Ryzen™ 7 7730U Laptop 39.6 cm (15.6") Touchscreen Full HD 16 GB DDR4-SDRAM 512 GB SSD Wi-Fi 6 (802.11ax) Windows 11 Home Silver

Brand : HP

Product family: Pavilion

Product code: 893D5EA

Product name : 15-eh3001na

- AMD Ryzen™ 7 7730U (up to 4.5 GHz max boost clock, 16 MB L3 cache, 8 cores, 16 threads)
- Windows 11 Home
- 39.6 cm (15.6") diagonal FHD touch display
- AMD Radeon™ Graphics
- 16 GB memory; 512 GB SSD storage

Pavilion Laptop 15-eh3001na, Windows 11 Home, 15.6", Touch screen, AMD Ryzen™ 7, 16GB RAM, 512GB SSD, FHD, Natural silver

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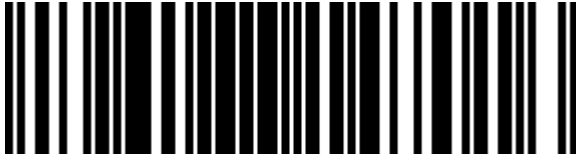
Work or play, this Pavilion laptop has your back
The Pavilion 15.6" Laptop packs more performance into a smaller profile. Get more done with a premium AMD processor[1]. Work on the go, thanks to your PC's compact design and long-lasting battery life[2] and HP FastCharge[3]. Enjoy exceptional entertainment as Audio by B&O delivers immersive sounds while the large screen-to-body ratio lets you see more.

Design		Network	
Colour name	Natural silver aluminum cover and keyboard frame, natural silver base	Bluetooth version	5.3
Product type *	Laptop	**Ports & interfaces**	
Product colour *	Silver	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Form factor *	Clamshell	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Market positioning	Everyday	HDMI ports quantity *	1
Introduction year	2023	HDMI version	2.1
Product design	Sandblasted cover and keyboard frame, paint finish base	Combo headphone/mic port	✓
Original brand name	HP	Charging port type	USB Type-C
Display		USB Type-C DisplayPort Alternate Mode	✓
Display diagonal *	39.6 cm (15.6")	USB Power Delivery	✓
Display resolution *	1920 x 1080 pixels	USB Sleep-and-Charge	✓
Touchscreen *	✓	USB Sleep-and-Charge ports	1
HD type	Full HD	**Performance**	
Panel type	IPS	Motherboard chipset	AMD SoC
Native aspect ratio	16:9	**Keyboard**	
Display surface	Gloss	Pointing device	Touchpad
Anti-glare screen	✓	Numeric keypad *	✓
Display bezel technology	Micro-Edge	Full-size keyboard	✓
Display brightness	250 cd/m²	Keyboard colour name	natural silver
Display diagonal (metric)	39.6 cm	**Software**	
RGB colour space	NTSC		
Colour gamut	45%	Pre-installed software	Duet® for HP (30 day free trial); 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
Processor			
Processor manufacturer *	AMD		
Processor family *	AMD Ryzen™ 7		
Processor model *	7730U	Trial software	25 GB Dropbox storage for 12 months
Processor cores	8		
Processor threads	16		
Processor boost frequency	4.5 GHz	Operating system installed *	Windows 11 Home
Processor frequency *	2 GHz		
Processor cache	16 MB		

Processor

Processor cache type	L3

Memory

Internal memory *	16 GB
Internal memory type	DDR4-SDRAM
Memory clock speed	3200 MHz
Memory form factor	SO-DIMM
Memory layout (slots x size)	2 x 8 GB
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 *	✘

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

Audio

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

Camera

Front camera	✔
Front camera HD type	HD

Network

Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)
Wi-Fi standards	Wi-Fi 6 (802.11ax)
Mobile network connection *	✘
Antenna type	2x2
WLAN controller manufacturer	Realtek
Ethernet LAN	✘
Bluetooth	✔

Brand-specific features

HP Audio Boost	✔
HP speaker type	HP Dual Speakers
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 Support Assistant; HP Connection Optimizer; HP Command Center; OMEN Gaming Hub; HP Enhanced Lighting; myHP
HP segment	Home
HP GTIN (EAN/UPC)	196188147016

Battery

Battery technology	Lithium-Ion (Li-Ion)
Number of battery cells	3
Battery capacity *	41 Wh
Battery life (max)	8.5 h
Continuous video playback time	10 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(s)

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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