HP

HP EliteBook 845 G8 AMD Ryzen™ 5 PRO 5650U Laptop 35.6 cm (14") Full HD 8 GB DDR4-SDRAM 256 GB SSD Wi-Fi 6 (802.11ax) Windows 11 Pro Silver

Brand : HP   **Product family:** EliteBook   **Product code:** 5P6P0EA#ABH

Product name : 845 G8

HP EliteBook 845 G8. Product type: Laptop, Form factor: Clamshell. Processor family: AMD Ryzen™ 5 PRO, Processor model: 5650U, Processor frequency: 4.2 GHz. Display diagonal: 35.6 cm (14"), HD type: Full HD, Display resolution: 1920 x 1080 pixels. Internal memory: 8 GB, Internal memory type: DDR4-SDRAM. Total storage capacity: 256 GB, Storage media: SSD. On-board graphics card model: AMD Radeon Graphics. Operating system installed: Windows 11 Pro. Product colour: Silver

Design

Product type *	Laptop
Product colour *	Silver
Form factor *	Clamshell
Market positioning	Premium
Country of origin	China
Original brand name	HP

Display

Display diagonal *	35.6 cm (14")
Display resolution *	1920 x 1080 pixels
Touchscreen *	✘
HD type	Full HD
Panel type	IPS
LED backlight	✔
Native aspect ratio	16:9
Anti-glare screen	✔
Display brightness	400 cd/m²
Display diagonal (metric)	35.6 cm
RGB colour space	NTSC
Colour gamut	72%

Processor

Processor manufacturer *	AMD
Processor family *	AMD Ryzen™ 5 PRO
Processor generation	AMD Ryzen PRO 5000 Series
Processor model *	5650U
Processor cores	6
Processor threads	12
Processor boost frequency	2.3 GHz
Processor frequency *	4.2 GHz
Processor cache	16 MB
Processor cache type	L3

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)	1 x 8 GB
Memory slots	2x SO-DIMM
Maximum internal memory *	64 GB
Number of free internal memory expansion slots	1

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 model	MediaTek MT7921
WLAN controller manufacturer	MediaTek
Bluetooth	✔
Bluetooth version	5.2

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	2
HDMI ports quantity *	1
HDMI version	2.0
Combo headphone/mic port	✔
USB Type-C DisplayPort Alternate Mode	✔

Performance

Hall sensor	✔

Keyboard

Keyboard special features	Morsbestendig
Pointing device	Clickpad
Numeric keypad *	✘
Keyboard backlit	✔
Island-style keyboard	✔
Spill-resistant keyboard	✔
Keyboard layout	QWERTY
Input device model	HP Premium toetsenbord

Software

Windows 11 free upgrade	✔
Operating system installed *	Windows 11 Pro

Brand-specific features

HP speaker type	HP Dual Speakers
HP Connection Optimizer	✔
HP Support Assistant	✔
HP Smart AC Adapter	✔

Memory

ECC	✗
Non-ECC	✔

Storage

Total storage capacity *	256 GB
Storage media *	SSD
Total SSDs capacity	256 GB
Number of SSDs installed	1
SSD capacity	256 GB
SSD interface	PCI Express, NVMe
NVMe	✔
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	3

Camera

Front camera	✔
Front camera signal format	720p
Front camera HD type	HD
Infrared (IR) camera	✔
Privacy camera	✔

Brand-specific features

HP Security tools	HP Secure Erase; HP Sure Click; Windows Defender; HP Sure Sense; HP Sure Start Gen6; HP Sure Admin; HP BIOSphere Gen6; HP Sure Run Gen4; HP Sure Recover Gen4; HP Client Security Manager Gen7
HP Management tools	HP Driver Packs; HP Client Catalog; HP Manageability Integration Kit Gen4
HP Software provided	HP Hotkey Support; HP Noise Cancellation Software; HP PC Hardware Diagnostics UEFI; HP Power Manager; myHP; HP Privacy Settings; HP Notifications; HP QuickDrop; HP Wireless Button Driver
HP segment	Business

Battery

Battery technology	Lithium-Ion (Li-Ion)
Number of battery cells	3
Battery capacity *	53 Wh
Fast charging	✔
Fast charging time (50%)	30 min
Battery weight	204 g

Power

AC adapter power	65 W
USB Power Delivery (USB PD)	✔

Security

Cable lock slot	✔
Trusted Platform Module (TPM)	✔
Password protection	✔

Sustainability

Sustainability compliance	✔
Sustainability certificates	ENERGY STAR, TCO

Weight & dimensions

Width	323.4 mm
Depth	214.6 mm
Height	17.9 mm
Weight *	1.37 kg

Packaging data

Package width	69 mm
Package depth	483 mm
Package height	305 mm

Packaging content

Keyboard included	✔

Logistics data

Harmonized System (HS) code	84713000

Other features

Number of speakers	2

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