HP EliteBook 840 Aero G8 i7-1165G7 Notebook 35.6 cm (14") Full HD Intel® Core™ i7 16 GB DDR4-SDRAM 512 GB SSD Wi-Fi 6 (802.11ax) Windows 10 Pro Silver

Brand : HP   **Product family:** EliteBook   **Product code:** 48R27EA

Product name : 840 Aero G8

- Intel® Core™ i7-1165G7 (up to 4.7 GHz with Intel® Turbo Boost Technology, 12 MB L3 cache, 4 cores)
- Windows 10 Pro
- 35.6 cm (14") diagonal FHD display
- Intel® Iris® Xᵉ Graphics
- 16 GB memory; 512 GB SSD storage
EliteBook 840 Aero G8 Notebook PC, 14", Windows 10 Pro, Intel® Core™ i7, 16GB RAM, 512GB SSD, FHD

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Work with each other even when you're apart
Teams work from many locations require a powerful, secure, and durable laptop that connects easily to stay productive. Meet the demands of the multi-task, multi-place, enterprise-business workday with the HP EliteBook 840 Aero.

Design	
Product type *	Notebook
Product colour *	Silver
Form factor *	Clamshell
Market positioning	Premium
Introduction year	2021
Intel® vPro™ Platform Eligibility	✗
Country of origin	China

Display	
Display diagonal *	35.6 cm (14")
Display resolution *	1920 x 1080 pixels
Touchscreen *	✗
HD type	Full HD
Panel type	IPS
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 *	Intel
Processor generation	11th gen Intel® Core™ i7
Processor model *	i7-1165G7
Processor family *	Intel® Core™ i7
Processor frequency *	2.8 GHz
Processor boost frequency	4.7 GHz
Processor threads	8
Processor cores	4
Processor cache	12 MB
Processor cache type	L3
Configurable TDP-up frequency	2.8 GHz
Configurable TDP-up	28 W
Configurable TDP-down	12 W
Configurable TDP-down frequency	1.2 GHz

Network	
WLAN controller model	Intel Wi-Fi 6 AX201
WLAN controller manufacturer	Intel
Ethernet LAN	✗
Bluetooth	✓
Bluetooth version	5.0

Ports & interfaces	
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
HDMI ports quantity *	1
HDMI version	2.0b
Thunderbolt 4 ports quantity	2
Combo headphone/mic port	✓
Charging port type	USB Type-C
USB Type-C DisplayPort Alternate Mode	✓
USB Power Delivery	✓

Keyboard	
Keyboard special features	Resistente a derrames
Pointing device	Clickpad
Numeric keypad *	✗
Keyboard backlit	✓
Spill-resistant keyboard	✓
Input device model	Teclado HP Premium Collaboration

Software	
Operating system architecture	64-bit
Operating system installed *	Windows 10 Pro
Bundled software	HP Wolf Pro Security Edition (3 years)

Processor special features	
Intel Trusted Execution Technology	✗
Intel VT-x with Extended Page Tables (EPT)	✓
Intel Stable Image Platform Program (SIPP)	✗
Intel Software Guard Extensions (Intel SGX)	✗

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
Memory slots	2x SO-DIMM
Maximum internal memory *	64 GB
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
NVMe	✔
Optical drive type *	✘
Card reader integrated	✘

Graphics

Discrete graphics card model *	Not available
On-board graphics card *	✔
Discrete graphics card *	✘
On-board graphics card model *	Intel Iris Xe Graphics

Audio

Audio system	Bang & Olufsen
Number of built-in speakers	2
Built-in microphone	✔
Number of microphones	2

Camera

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

Network

Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)
Wi-Fi standards	Wi-Fi 6 (802.11ax)
Mobile network connection *	✘
Antenna type	2x2

Processor special features

Idle States	✔
CPU configuration (max)	1
Embedded options available	✘
Intel Virtualization Technology for Directed I/O (VT-d)	✔
Intel Virtualization Technology (VT-x)	✔

Brand-specific features

HP speaker type	HP Dual Speakers
HP Connection Optimizer	✔
HP Support Assistant	✔
HP front camera	HP Webcam HD IR
HP Security tools	Absolute persistence module; HP DriveLock and Automatic DriveLock; HP Secure Erase; Power-on authentication; Preboot authentication; TPM 2.0 embedded security chip shipped with Windows 10 (Common Criteria EAL4+ Certified); HP Sure Click; Windows Defender; HP Sure Sense; BIOS Update via Network; Support for chassis padlocks and cable lock devices; HP Sure Start Gen6; HP BIOSphere Gen6; HP Sure Run Gen4; HP Sure Recover Gen4; HP Client Security Manager Gen7; Secured-core PC capable
HP Management tools	HP Driver Packs; HP System Software Manager (SSM); HP BIOS Config Utility (BCU); HP Client Catalog; HP Manageability Integration Kit Gen4; HP Client Management Script Library (download)
HP Software provided	HP Connection Optimizer; HP Image Assistant; HP Hotkey Support; HP Noise Cancellation Software; HP PC Hardware Diagnostics UEFI; HP Support Assistant; HP Easy Clean; Buy Office (Sold separately); HP Power Manager; HP WorkWell; myHP; HP Privacy Settings; Touchpoint Customizer for Commercial; HP Notifications; HP QuickDrop; HP Wireless Button Driver; Tile™
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

Power

AC adapter power	65 W

Security

Password protection	✔
Password protection type	BIOS

Sustainability

Sustainable technologies and materials	Ocean-bound plastic in speaker enclosure; Low Halogen; Bulk packaging available; Outside box and corrugated cushions are 100% sustainably sourced and recyclable

Weight & dimensions

Width	323 mm

Weight & dimensions	
Depth	215 mm
Height	17.9 mm
Weight *	1.13 kg

Logistics data	
Harmonized System (HS) code	84713000

Technical details	
Repairability index	7.7

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