HP Elite 800 G9(628Q4ET#UUG)

HP Elite 800 G9 - Tower Core i7 i7-14700 / up to 5.4 GHz - RAM 16 GB - SSD 512 GB - NVMe - UHD Graphics 770 - Gigabit Ethernet - Win 11 Pro - monitor: none - Smart Buy - with HP Wolf Pro Security Edition (1 year)

The HP Elite 800 G9 is designed for performance and reliable functionality. Equipped with an Intel Core i7 processor and supported by DDR5 SDRAM technology, this personal computer ensures smooth multitasking and efficient execution of applications. The inclusion of NVM Express (NVMe) hard drive delivers quick data access and enhanced storage capabilities, making it a valuable asset for any workspace. Networking is made effortless with support for Ethernet, Fast Ethernet, and Gigabit Ethernet protocols. Whether managing devices remotely with SNMP 2 or utilizing Wake on LAN (WoL) features, the HP Elite 800 G9 stands ready to meet modern connectivity needs. Additionally, the embedded Trusted Platform Module (TPM 2.0) security chip provides essential protection against data breaches.

Key Selling Points

Intel Core i7 processor for efficient performance
DDR5 SDRAM technology for enhanced multitasking
NVM Express (NVMe) hard drive for quick data access
Multiple networking protocols for versatile connectivity
Trusted Platform Module (TPM 2.0) for data security

Product Features

Robust Processing Capabilities
Equipped with an Intel Core i7 processor, the HP Elite 800 G9 enhances productivity by handling demanding tasks efficiently.

Fast Data Access
Featuring an NVM Express (NVMe) hard drive, this model significantly reduces data retrieval times, contributing to overall system speed.

Secure Connectivity Options
The multiple data link protocols, including Gigabit Ethernet, ensure reliable and fast networking capabilities for varied operational requirements.

Enhanced Security Features
The Trusted Platform Module (TPM 2.0) security chip safeguards sensitive data, offering an added layer of protection against potential threats.

Efficient Memory Performance
With DDR5 SDRAM technology, this computer supports larger memory capacity and improved speed, enhancing overall user experience.

Main Specifications

Product Description	HP Elite 800 G9 - tower Core i7 i7-14700 2.1 GHz - 16 GB - SSD 512 GB - with HP Wolf Pro Security Edition (1 year)
Type	Personal computer - tower
Localisation	Language: French, Dutch / region: Belgium
Processor	Intel Core i7 (14th Gen) i7-14700 / 2.1 GHz (up to 5.4 GHz, (20-core)
Processor Main Features	Hyper-Threading Technology, Intel Turbo Boost Technology 2, Intel Smart Cache, Intel Turbo Boost Max 3.0
Cache Memory	33 MB L3 Cache
Cache Per Processor	33 MB
RAM	16 GB (installed) / 128 GB (max) - DDR5 SDRAM
Storage Controller	SATA/NVMe (SATA 6Gb/s / PCIe 3.0 x4 (NVMe))
Hard Drive	SSD 512 GB - PCI Express - M.2 2280 - NVM Express (NVMe)
Optical Storage	No optical drive

Graphics Controller	Intel UHD Graphics 770 Dynamic Video Memory Technology
Audio Output	Stereo
Networking	1GbE
Power	(50/60 Hz)
OS Provided	Windows 11 Pro
Software Included	HP Support Assistant, Windows Defender, Microsoft 365 (Trial), HP Secure Erase, HP Setup Integrated OOBE, HP PC Hardware Diagnostics, HP Notifications, HP Connection Optimizer, HP Sure Click, HP Privacy Settings, HP Cloud Recovery, HP Sure Sense, HP Sure Admin, HP QuickDrop, HP WorkWell, HP BIOSphere Gen6, HP Wake on WLAN, myHP, Touchpoint Customiser for Commercial, HP Desktop Support Utilities, HP Tamper Lock, HP Noise Cancellation Software, HP Client Security Manager Gen7, HP SureRun Gen4, HP Sure Recover Gen4, HP Easy Clean, HP Sure Start Gen6
Dimensions (WxDxH)	15.5 cm x 30.8 cm x 33.7 cm
Weight	6.15 kg
Manufacturer Selling Program	HP Smart Buy
Environmental Standards	ENERGY STAR Qualified
Manufacturer Warranty	Limited warranty - parts and labour - 1 year - on-site
Bundled with	HP Wolf Pro Security Edition (1 year)

Extended Specification

General

Type	Personal computer
Product Form Factor	Tower
Built-in Devices	Speaker
Sensors	HP Tamper Lock
Embedded Security	Trusted Platform Module (TPM 2.0) Security Chip
Localisation	Language: French, Dutch / region: Belgium
Bundled with	HP Wolf Pro Security Edition (1 year)

Expansion / Connectivity

Bays	2 (total) / 2 (free) x internal 3.5" ¦ 2 (total) / 2 (free) x external 5.25" Slim Line
Slots	1 (total) / 0 (free) x M.2 Card - 2230 (for WLAN) ¦ 2 (total) / 1 (free) x M.2 Card - 2280 (x4 mode) ¦ 2 (total) / 2 (free) x PCIe 3.0 x1 ¦ 1 (total) / 1 (free) x PCIe 3.0 x16 (x4 mode) ¦ 1 (total) / 1 (free) x PCIe 4.0 x16
Interfaces	3 x USB 2.0 ¦ 3 x USB 3.2 Gen 1 ¦ 4 x USB 3.2 Gen 2 (4 in front) (one of them is fast-charging) ¦ 1 x USB-C 3.2 Gen 2x2 (1 in front) (charging) ¦ 2 x DisplayPort 1.4a ¦ 1 x headphones/microphone (1 in front) (CTIA and OMTP headset support) ¦ 1 x audio line-out/line-in ¦ 1 x LAN (Gigabit Ethernet) ¦ 1 x HDMI

Manufacturer Warranty

Service & Support	Limited warranty - parts and labour - 1 year - on-site

RAM

Installed Size	16 GB (installed) / 128 GB (max)
Technology	DDR5 SDRAM
Effective Memory Speed	4800 MHz
Rated Memory Speed	4800 MHz
Form Factor	DIMM 288-pin
Slots	4 (Total) / 3 (empty)
Features	Unbuffered
Configuration Features	1 x 16 GB

Networking

Ethernet Controller	Intel I219-LM
Data Link Protocol	Ethernet, Fast Ethernet, Gigabit Ethernet
Remote Management Protocol	SNMP 2
Features	Wake on LAN (WoL), ACPI support, auto-uplink (auto MDI/MDI-X), PXE 2.1 support
Compliant Standards	IEEE 802.3, IEEE 802.3u, IEEE 802.3i, IEEE 802.1Q, IEEE 802.3ab, IEEE 802.1p, IEEE 802.3x, IEEE 802.3az

Miscellaneous

Theft/Intrusion Protection	Security lock slot (cable lock sold separately), padlock loop
Security Slot Type	Kensington security slot
Compliant Standards	ACPI, CCC, RoHS, WEEE, Common Criteria EAL4+, CECP, SEPA, low halogen
Manufacturer Selling Program	HP Smart Buy

Power

Device Type	Power supply
Voltage Required	AC 90-264 V (50/60 Hz)
Power Provided	260 Watt
80 PLUS Certification	80 PLUS Platinum
Efficiency	92%
Power Factor Correction	Yes (active)

Environmental Parameters

Min Operating Temperature	10 °C
Max Operating Temperature	35 °C
Humidity Range Operating	10 - 90% RH (non-condensing)

Storage Controller

Type	1 x SATA/NVMe
Controller Interface Type	SATA 6Gb/s / PCIe 3.0 x4 (NVMe)
Channel Qty	4

Cache Memory

Installed Size	L3 Cache - 33 MB
Cache Per Processor	33 MB

Optical Storage

Type	No optical drive

Operating System / Software

OS Provided	Windows 11 Pro Dutch / English / French / German
Software	HP Support Assistant, Windows Defender, Microsoft 365 (Trial), HP Secure Erase, HP Setup Integrated OOBE, HP PC Hardware Diagnostics, HP Notifications, HP Connection Optimizer, HP Sure Click, HP Privacy Settings, HP Cloud Recovery, HP Sure Sense, HP Sure Admin, HP QuickDrop, HP WorkWell, HP BIOSphere Gen6, HP Wake on WLAN, myHP, Touchpoint Customiser for Commercial, HP Desktop Support Utilities, HP Tamper Lock, HP Noise Cancellation Software, HP Client Security Manager Gen7, HP SureRun Gen4, HP Sure Recover Gen4, HP Easy Clean, HP Sure Start Gen6

Monitor

Monitor Type	None.

Graphics Controller

Graphics Processor	Intel UHD Graphics 770 Dynamic Video Memory Technology
Video Interfaces	HDMI, DisplayPort
HDCP Compatible	Yes

Audio Output

Sound Output Mode	Stereo
Max Sampling Rate	192 kHz
Compliant Standards	High Definition Audio

Hard Drive

Type	SSD - M.2 2280
Capacity	1 x 512 GB
Interface Type	PCI Express
Features	NVM Express (NVMe)

Input Device

Type	Mouse

Dimensions & Weight

Width	15.5 cm
Depth	30.8 cm
Height	33.7 cm
Weight	6.15 kg

Dimensions & Weight (Shipping)

Shipping Width	40 cm
Shipping Depth	49.9 cm
Shipping Height	28.7 cm
Shipping Weight	8.87 kg

Mouse

Mouse Name	HP 125

Processor / Chipset

CPU	Intel Core i7 (14th Gen) i7-14700
Clock Speed	2.1 GHz (P-core) / 1.5 GHz (E-core)
Max Turbo Speed	5.4 GHz (P-core) / 4.2 GHz (E-core)
Number of Cores	20-core
CPU Qty	1
Max CPU Qty	1
L2 cache	28 MB
CPU Upgradability	Upgradable
Processor Main Features	Hyper-Threading Technology, Intel Turbo Boost Technology 2, Intel Smart Cache, Intel Turbo Boost Max 3.0
Chipset Type	Intel Q670

Sustainability Information

ENERGY STAR Certified	Yes
Manufacturing (kg CO2e)	153
Logistics (kg CO2e)	2

Use (kg CO2e)	54
EOL (kg CO2e)	2
Total Carbon w/o Use Phase (kg CO2e)	210