HP Elite 800 G9(628Q5ET#UUG)

HP Elite 800 G9 - SFF Core i5 i5-14500 / up to 5 GHz - vPro - RAM 16 GB - SSD 512 GB - NVMe - UHD Graphics 770 - Gigabit Ethernet, IEEE 802.11ax (Wi-Fi 6E), Bluetooth 5.3 - Win 11 Pro - monitor: none - with HP Wolf Pro Security Edition (1 year)

The HP Elite 800 G9 presents a reliable and powerful personal computer designed to cater to diverse performance needs. Featuring an Intel Core i5 processor and DDR5 SDRAM technology, this system ensures smooth multitasking for everyday applications. With a single high-speed NVMe SSD as the storage option, fast data access enhances productivity. Its advanced audio output, designed to support high definition audio and a maximum sampling rate of 192 kHz, ensures an immersive experience for media consumption and communication. Equipped with various ports including USB 3.2 Gen 2 and USB-C 3.2 Gen 2x2, along with DisplayPort 1.4a, the system offers versatile connectivity options for external devices and displays.

Key Selling Points

Intel Core i5 processor for efficient performance
Fast NVMe SSD for quick data access
High definition audio output for enhanced sound quality
Multiple connectivity options including USB and DisplayPort
Robust DDR5 RAM technology for improved multitasking

Product Features

Efficient processing capabilities
The Intel Core i5 processor ensures efficient performance and responsiveness for a variety of applications, making it suitable for both work and entertainment.

Rapid data access
An NVMe SSD provides rapid data access speeds, which enhances system responsiveness and reduces boot and load times.

Versatile audio experience
Equipped with a high definition audio output, the HP Elite 800 G9 delivers exceptional sound performance, featuring a maximum sampling rate of 192 kHz.

Robust connectivity options
With multiple ports including USB, USB-C, and DisplayPort, this system enables easy connection to a wide array of devices, enhancing versatility.

Enhanced multitasking performance
Utilizing DDR5 SDRAM technology, this PC improves multitasking capabilities, allowing users to run multiple applications smoothly without lag.

Main Specifications

Product Description	HP Elite 800 G9 - SFF Core i5 i5-14500 2.6 GHz - vPro - 16 GB - SSD 512 GB - with HP Wolf Pro Security Edition (1 year)
Type	Personal computer - SFF
Platform Technology	Intel vPro Platform
Localisation	Language: French, Dutch / region: Belgium
Processor	Intel Core i5 (14th Gen) i5-14500 / 2.6 GHz (up to 5 GHz, (14-core)
Processor Main Features	Intel Turbo Boost Technology
Cache Memory	24 MB L3 Cache
Cache Per Processor	24 MB
RAM	16 GB (installed) / 128 GB (max) - DDR5 SDRAM
Storage Controller	SATA/NVMe (SATA-600 / 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, 802.11a, 802.11b/g/n, Wi-Fi 5, Wi-Fi 6E, Bluetooth 5.3
Power	(50/60 Hz)
OS Provided	Windows 11 Pro
Software Included	HP Support Assistant, HP PC Hardware Diagnostics UEFI, HP Secure Erase, HP Client Catalogue (free download), HP Setup Integrated OOBE, HP Notifications, HP Connection Optimizer, HP Sure Click, HP Privacy Settings, HP Cloud Recovery, HP Sure Sense, HP Sure Admin, HP QuickDrop, HP Client Management Script Library (free download), HP BIOSphere Gen6, HP Desktop Support Utilities, HP Image Assistant Gen5 (free download), HP Smart Support, HP Manageability Integration Kit (free download), HP Connect for Microsoft Endpoint Manager, HP Patch Assistant (free download), HP Sure Recover Gen5, HP Sure Run Gen5, HP Services Scan, HP Sure Start Gen7, HP Driver Packs (free download)
Dimensions (WxDxH)	33.8 cm x 30.8 cm x 10 cm
Weight	5.04 kg
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

Platform Technology	Intel vPro Platform
Type	Personal computer
Product Form Factor	SFF
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" ¦ 1 (total) / 1 (free) x external 5.25" Slim Line
Slots	1 (total) / 0 (free) x M.2 Card - 2230 (for wireless module) ¦ 2 (total) / 1 (free) x M.2 Card - 2280 (for internal storage) ¦ 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	1 x USB-C 3.2 Gen 2x2 (1 in front) (charging) ¦ 4 x USB 3.2 Gen 2 (4 in front) (one of them is charging) ¦ 1 x headphones/microphone (1 front) (CTIA and OMTP headset support) ¦ 1 x audio line-out/line-in ¦ 2 x DisplayPort 1.4a ¦ 3 x USB 2.0 (3 rear) (two of them with wake functionality) ¦ 3 x USB 3.2 Gen 1 (3 rear) ¦ 1 x LAN (Gigabit Ethernet) - RJ-45 ¦ 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
Wireless LAN Supported	Yes
Wireless NIC	Intel Wi-Fi 6E AX 211
Data Link Protocol	Ethernet, Fast Ethernet, Gigabit Ethernet, IEEE 802.11b, IEEE 802.11a, IEEE 802.11g, IEEE 802.11n, IEEE 802.11ac, IEEE 802.11ax (Wi-Fi 6E), Bluetooth 5.3
Remote Management Protocol	SNMP 2
Features	Wake on LAN (WoL), ACPI support, auto-uplink (auto MDI/MDI-X), MU-MIMO Support, PXE 2.1 support, dual stream (2x2)
Compliant Standards	IEEE 802.3, IEEE 802.3u, IEEE 802.3i, IEEE 802.1Q, IEEE 802.3ab, IEEE 802.1p, IEEE 802.3x, IEEE 802.11d, IEEE 802.1x, IEEE 802.11i, Wi-Fi CERTIFIED, IEEE 802.11h, IEEE 802.11e, IEEE 802.11k, IEEE 802.3az, IEEE 802.11r, IEEE 802.11v

Miscellaneous

Theft/Intrusion Protection	Security lock slot (cable lock sold separately), padlock loop, chassis intrusion sensor
Security Slot Type	Kensington security slot
Compliant Standards	FCC Class B certified, ICES-003, CCC, FIPS 140-2 Level 2, RoHS, UL 60950-1, CSA C22.2 No. 60950-1-07, WEEE, KCC Class B, Common Criteria EAL4+, CECP, VCCI Class B, SEPA, low halogen, UL 62368-1, CAN/CSA-C22.2 No. 62368-1-14, IEEE 1680.1

Power

Device Type	Power supply
Voltage Required	AC 90-264 V (50/60 Hz)
Power Provided	260 Watt
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-600 / NVMe
Channel Qty	4

Cache Memory

Installed Size	L3 Cache - 24 MB
Cache Per Processor	24 MB

Optical Storage

Type	No optical drive

Operating System / Software

OS Provided	Windows 11 Pro Dutch / English / French / German

Software	HP Support Assistant, HP PC Hardware Diagnostics UEFI, HP Secure Erase, HP Client Catalogue (free download), HP Setup Integrated OOBE, HP Notifications, HP Connection Optimizer, HP Sure Click, HP Privacy Settings, HP Cloud Recovery, HP Sure Sense, HP Sure Admin, HP QuickDrop, HP Client Management Script Library (free download), HP BIOSphere Gen6, HP Desktop Support Utilities, HP Image Assistant Gen5 (free download), HP Smart Support, HP Manageability Integration Kit (free download), HP Connect for Microsoft Endpoint Manager, HP Patch Assistant (free download), HP Sure Recover Gen5, HP Sure Run Gen5, HP Services Scan, HP Sure Start Gen7, HP Driver Packs (free download)

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, no keyboard

Dimensions & Weight

Width	33.8 cm
Depth	30.8 cm
Height	10 cm
Weight	5.04 kg

Dimensions & Weight (Shipping)

Shipping Width	39.9 cm
Shipping Depth	49.9 cm
Shipping Height	23 cm
Shipping Weight	7.92 kg

Mouse

Mouse Name	HP 125

Processor / Chipset

CPU	Intel Core i5 (14th Gen) i5-14500
Clock Speed	2.6 GHz (P-core) / 1.9 GHz (E-core)
Max Turbo Speed	5 GHz (P-core) / 3.7 GHz (E-core)
Number of Cores	14-core
CPU Qty	1
Max CPU Qty	1

L2 cache	11.5 MB
CPU Upgradability	Upgradable
Processor Main Features	Intel Turbo Boost Technology
Chipset Type	Intel Q670

Sustainability Information

ENERGY STAR Certified	Yes
Manufacturing (kg CO2e)	149
Logistics (kg CO2e)	2
Use (kg CO2e)	52
EOL (kg CO2e)	2
Total Carbon w/o Use Phase (kg CO2e)	210