HP Elite 800 G9 Intel® Core™ i7 i7-12700 16 GB DDR5-SDRAM 512 GB SSD Windows 11 Pro Tower PC Black



Brand : HP **Product family:** Elite **Product code:** 5L2H2EA

Product name : Elite 800 G9

- Intel Core™ i7-12700 (up to 4.9 GHz with Intel Turbo Boost Technology, 25 MB L3 cache, 12 cores, 20 threads)
- Windows 11 Pro
- Intel UHD Graphics 770
- 16 GB DDR5-4800 MT/s (1 x 16 GB), 512 GB PCIe NVMe™ SSD

Elite Tower 800 G9 Desktop PC, Windows 11 Pro, Intel Core™ i7, 16GB RAM, 512GB SSD



HP Elite 800 G9 Intel® Core™ i7 i7-12700 16 GB DDR5-SDRAM 512 GB SSD Windows 11 Pro Tower PC Black:

A power user's PC

The HP Elite Tower 800 delivers the high-performance needed for power users whose workloads include handling complex programs, rendering, and demanding graphics content. Equipped with the latest Intel processor[2], speedy storage, and memory, this is the right PC for your most demanding tasks.

Processor	
Processor manufacturer *	Intel
Processor family *	Intel® Core™ i7
Processor generation	12th gen Intel® Core™ i7
Processor model *	i7-12700
Processor cores	12
Processor threads	20
Processor boost frequency	4.9 GHz
Processor frequency *	2.1 GHz
Processor cache	25 MB
Processor cache type	L3
Bus type	DMI4
Number of processors installed	1

Memory	
Internal memory *	16 GB
Maximum internal memory *	16 GB
Internal memory type	DDR5-SDRAM
Number of free internal memory expansion slots	1
Memory layout (slots x size)	1 x 16 GB
Memory slots	4x DIMM
Memory clock speed	4800 MHz
Memory module type	UDIMM

Storage	
Total storage capacity *	512 GB
Storage media *	SSD
Optical drive type *	✕
Number of storage drives installed	1
Total SSDs capacity	512 GB
Number of SSDs installed	1
SSD capacity	512 GB
SSD interface	PCI Express

Design	
Number of 3.5" bays	2
Product colour *	Black
Country of origin	Czech Republic

Software	
Operating system installed *	Windows 11 Pro
Pre-installed software	HP Notifications; HP PC Hardware Diagnostics UEFI; HP Support Assistant; HP Connection Optimizer; HP Privacy Settings; HP Desktop Support Utilities; HP Easy Clean; HP Setup Integrated OOBE; Buy Microsoft Office (sold separately); HP Services Scan

Processor special features	
Intel 64	✔
Enhanced Intel SpeedStep Technology	✔
Embedded options available	✕
Intel VT-x with Extended Page Tables (EPT)	✔
Idle States	✔
Intel Stable Image Platform Program (SIPP)	✔
Intel Trusted Execution Technology	✔
Execute Disable Bit	✔
CPU configuration (max)	1
Intel Virtualization Technology for Directed I/O (VT-d)	✔
Intel Virtualization Technology (VT-x)	✔
Intel® Turbo Boost Technology	✔

Display	
Display included *	✕

Storage	
NVMe	✔

Graphics	
Discrete graphics card *	✘
On-board graphics card *	✔
Discrete graphics card model *	Not available
On-board GPU manufacturer	Intel
On-board graphics card family	Intel® UHD Graphics
On-board graphics card model *	Intel UHD Graphics 770

Performance	
Motherboard chipset	Intel Q670
Password protection	✔
Password protection type	BIOS, Power on
Trusted Platform Module (TPM)	✔
Product type *	PC
Trusted Platform Module (TPM) version	2.0

Network	
Ethernet LAN *	✔
Ethernet LAN data rates	10,100,1000,2500 Mbit/s
Wi-Fi *	✔
WLAN controller manufacturer	Intel

Ports & interfaces	
USB 2.0 ports quantity *	3
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	4
USB 3.2 Gen 2x2 Type-C ports quantity	1
DisplayPorts quantity	2
HDMI ports quantity *	1
HDMI version	1.4
Ethernet LAN (RJ-45) ports	1
Combo headphone/mic port	✔
Line-out	✔
Line-in	✔
Microphone in	✔

Expansion slots	
PCI Express x1 (Gen 3.x) slots	2
PCI Express x16 (Gen 3.x) slots	1
PCI Express x16 (Gen 4.x) slots	1

Power	
Power supply *	260 W

Design	
Chassis type *	Tower
Colour name	Jack black

Brand-specific features	
HP Support Assistant	✔
HP Security tools	HP Sure Run; Trusted Platform Module TPM 2.0 Embedded Security Chip shipped with Windows 10 (Common Criteria EAL4+ Certified)(FIPS 140-2 Level 2 Certified); HP Sure Start; HP Secure Erase; HP Sure Click; HP Sure Sense; Absolute Persistence module; HP Sure Recover; HP Sure Admin; HP Client Security Manager Gen7; HP Tamper Lock
HP Management tools	HP Client Catalog (download); HP Driver Packs (download); HP Cloud Recovery; HP Image Assistant Gen 5 (download); HP Client Management Script Library (download); HP Connect for Microsoft Endpoint Manager; HP Manageability Integration Kit (download); HP Patch Assistant (download)
HP Software provided	HP Notifications; HP PC Hardware Diagnostics UEFI; HP Connection Optimizer;HP Privacy Settings; HP PC Hardware Diagnostics Windows; HP Desktop Support Utilities; MyHP; HP QuickDrop; HP Easy Clean; HP Easy Clean Keyboard Driver
HP GTIN (EAN/UPC)	196786066559
HP segment	Business

Audio	
Audio chip	Realtek ALC3252

Operational conditions	
Operating temperature (T-T)	10 - 35 °C
Operating relative humidity (H-H)	10 - 90%

Weight & dimensions	
Width *	337 mm
Depth *	308 mm
Height *	337 mm
Weight *	6.15 kg

Packaging data	
Package width	287 mm
Package depth	400 mm
Package height	499 mm
Package weight	8.87 kg

Packaging content	
Mouse included	✔
Keyboard included	✔
Numeric keypad	✘
Input device model	HP 128 Laser Wired Mouse

Sustainability	
Sustainability compliance	✔
Sustainability certificates	ENERGY STAR
Sustainable technologies and materials	Bulk packaging available; Molded paper pulp cushion inside box is 100% sustainably sourced and recyclable; Outside box and corrugated cushions are 100% sustainably sourced and recyclable; Ocean-bound plastic in speaker enclosure and I/O strip; 60% post-consumer recycled plastic; 10% ITE-derived closed loop plastic; 80 Plus Platinum power supplies available

Supplier features	
Manufacturer warranty	1 year (1/1/1) limited warranty includes 1 year of parts, labor and on-site repair. Terms and conditions vary by country. Certain restrictions and exclusions apply.
Carbon footprint	
Total carbon footprint (kg of CO2e)	200
Carbon emissions, manufacturing (kg of CO2e)	147
Carbon emissions, logistics (kg of CO2e)	2
Carbon emissions, end-of-life (kg of CO2e)	1
Total carbon emissions, w/o use phase (kg of CO2e)	49
Keyboard	
Keyboard connectivity	Wired
Keyboard type	USB
Technical details	
General Product Safety Regulation (GPSR) URL	https://support.hp.com/us-en/document/ish_6126692-6126777-16?openCLC=true
Other features	
UNSPSC-code	43211507



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