

HP Workstation Z2 G9 - SFF - Core i7 13700 2.1 GHz - 16 GB - SSD 512 GB



In Stock(16)

SKU	98T57ET#UUW
Product Description:	HP Workstation Z2 G9 - SFF - Core i7 13700 2.1 GHz - 16 GB - SSD 512 GB
Type:	Workstation - small form factor
Localisation:	Language: Danish, Norwegian, Finnish, Swedish / region: Denmark, Finland, Norway, Sweden
Processor:	1 x Intel Core i7 (13th Gen) 13700 / 2.1 GHz (, up to 5.2 GHz, (16-core)
Processor Socket:	LGA1700 Socket
Processor Main Features:	Hyper-Threading Technology, Intel Turbo Boost Technology 2, Intel Smart Cache, Intel Turbo Boost Max 3.0
Cache Memory:	30 MB L3 Cache

General

Type:	Workstation
Product Form Factor:	Small form factor
Embedded Security:	Trusted Platform Module (TPM 2.0) Security Chip
Colour:	Black

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Processor / Chipset

CPU:	Intel Core i7 (13th Gen) 13700
Clock Speed:	2.1 GHz (P-core) / 1.5 GHz (E-core)
Max Turbo Speed:	5.2 GHz (P-core) / 4.1 GHz (E-core)
Number of Cores:	16-core
CPU Qty:	1
Max CPU Qty:	1
L2 cache:	24 MB

Environmental Parameters

Min Operating Temperature:	5 °C
Max Operating Temperature:	35 °C
Humidity Range Operating:	10 - 85% RH (non-condensing)

Dimensions & Weight (Shipping)

Shipping Width:	19.9 cm
Shipping Depth:	49 cm
Shipping Height:	51.4 cm
Shipping Weight:	5.9 kg

Dimensions & Weight

Width:	38.4 cm
Depth:	30.8 cm
Height:	10 cm
Weight:	5 kg

Manufacturer Warranty

Processor / Chipset

CPU Upgradability:	Upgradable
Processor Main Features:	Hyper-Threading Technology, Intel Turbo Boost Technology 2, Intel Smart Cache, Intel Turbo Boost Max 3.0
CPU Socket:	LGA1700 Socket
Chipset Type:	Intel W680

Cache Memory

Installed Size:	L3 Cache - 30 MB
Cache Per Processor:	30 MB

RAM

Installed Size:	16 GB / 128 GB (max)
Technology:	DDR5 SDRAM - non-ECC
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

Hard Drive

Type:	SSD - M.2 2280
Capacity:	1 x 512 GB
Interface Type:	PCI Express 4.0 x4
Features:	HP Z Turbo Drive, NVMe Express (NVMe), triple-level cell (TLC)

Storage Controller

Type:	1 x SATA/NVMe
Controller Interface Type:	SATA 6Gb/s / PCIe 4.0 x4 (NVMe)
Channel Qty:	4
RAID Level:	RAID 0, RAID 1

Optical Storage

Manufacturer Warranty

Service & Support:	Limited warranty - parts and labour - 3 years - on-site
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Sustainability Information

ENERGY STAR Certified:	Yes
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Operating System / Software

OS Provided:	Windows 11 Pro Danish / English / Finnish / Norwegian / Swedish
Software:	HP Support Assistant, HP PC Hardware Diagnostics UEFI, HP Driver Packs, HP Image Assistant, HP PC Hardware Diagnostics, HP ZCentral Remote Boost, HP Management Integration Kit for Microsoft System Center Configuration Manager Gen 4, HP Performance Advisor 3.0

Power

Device Type:	Power supply
Power Provided:	260 Watt
Efficiency:	92%
Power Factor Correction:	Yes (active)

Miscellaneous

Theft/Intrusion Protection:	Security lock slot (cable lock sold separately), padlock loop
Security Slot Type:	Kensington security slot
Compliant Standards:	RoHS, FIPS 140-2, WEEE, CECP, low halogen

Expansion / Connectivity

Bays:	1 (total) / 1 (free) x external 3.5" ; 1 (total) / 1 (free) x external 5.25" Slim Line ; 1 (total) / 1 (free) x internal 3.5"
Slots:	1 (total) / 1 (free) x PCIe 4.0 x16 ; 1 (total) / 1 (free) x PCIe 3.0 x4 ; 1 (total) / 1 (free) x PCIe 3.0 x16 (PCIe 3.0 x4 mode) ; 1 (total) / 1 (free) x PCIe 3.0 x1 ; 3 (total) / 2 (free) x M.2 Card - 2280 (PCIe 4.0 x4 mode) ; 1 (total) / 1 (free) x M.2 Card - 2230 (PCIe 3.0 x1 mode and Intel CNVi wireless module)

Optical Storage

Type: No optical drive

Monitor

Monitor Type: None.

Graphics Controller

Graphics Processor: Intel UHD Graphics

Video Interfaces: DisplayPort

Audio Output

Compliant Standards: High Definition Audio

Expansion / Connectivity

1 x headphones/microphone (1 in front) (CTIA and OMTP headset support) ; 4 x USB 3.2 Gen 2 (4 in front) (one of them is charging) ; 1 x USB-C 3.2 Gen 2x2 (1 in front) (charging) ; 1 x audio line-out ; 2 x DisplayPort 1.4 ; 3 x USB 2.0 ; 3 x USB 3.2 Gen 1 ; 1 x LAN (Gigabit Ethernet)

Networking

Ethernet Controller: Intel I219-LM

Data Link Protocol: Ethernet, Fast Ethernet, Gigabit Ethernet

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 802.3z, IEEE 802.1Q, IEEE 802.3ab, IEEE 802.1p, IEEE 802.1as, IEEE 802.3az

Mouse

Mouse Name: HP 320M

Keyboard

Keyboard Name: HP 320K

Interface: USB

Input Device

Type: Mouse, keyboard

