

HP Workstation Z2 G9 - tower - Core i9 13900K 3 GHz - 64 GB - SSD 1 TB



Not in stock

SKU	865H8ET#UJW
Product Description:	HP Workstation Z2 G9 - tower - Core i9 13900K 3 GHz - 64 GB - SSD 1 TB
Type:	Workstation - tower
Height (Rack Units):	4U
Localisation:	Language: Danish, Norwegian, Finnish, Swedish / region: Denmark, Finland, Norway, Sweden
Processor:	1 x Intel Core i9 (13th Gen) 13900K / 3 GHz (, up to 5.8 GHz, (24-core)
Processor Socket:	LGA1700 Socket
Processor Main Features:	Intel Turbo Boost Technology

General

Type:	Workstation
Product Form Factor:	Tower - 4U
Sensors:	HP Tamper Lock
Embedded Security:	Trusted Platform Module (TPM 2.0) Security Chip
Colour:	Black
Localisation:	Language: Danish, Norwegian, Finnish, Swedish / region: Denmark, Finland, Norway, Sweden

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:	29.5 cm
Shipping Depth:	49 cm
Shipping Height:	51.8 cm

Processor / Chipset

CPU:	Intel Core i9 (13th Gen) 13900K
Clock Speed:	3 GHz (P-core) / 2.2 GHz (E-core)
Max Turbo Speed:	5.8 GHz (P-core) / 4.3 GHz (E-core)
Number of Cores:	24-core
CPU Qty:	1
Max CPU Qty:	1
L2 cache:	32 MB

Dimensions & Weight

Width:	16.9 cm
Depth:	38.5 cm
Height:	35.6 cm
Weight:	7.2 kg

Manufacturer Warranty

Service & Support:	Limited warranty - parts and labour - 3 years - on-site
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Produktdatablad genereret d. 16-09-2024 21:04.

Vær opmærksom på at priser og lagerstatus var gældende på genereringstidspunktet og dermed ikke kan garanteres.

Processor / Chipset

CPU Upgradability:	Upgradable
Processor Main Features:	Intel Turbo Boost Technology
CPU Socket:	LGA1700 Socket
Chipset Type:	Intel W680

Cache Memory

Installed Size:	L3 Cache - 36 MB
Cache Per Processor:	36 MB

RAM

Installed Size:	64 GB (installed) / 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) / 2 (empty)
Features:	Unbuffered
Configuration Features:	2 x 32 GB

Hard Drive

Type:	SSD - M.2 2280
Capacity:	1 x 1 TB
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-600 / PCIe
Channel Qty:	4
RAID Level:	RAID 0, RAID 1

Optical Storage

Operating System / Software

OS Provided:	Windows 11 Pro Danish / English / Finnish / Norwegian / Swedish
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Software:	HP Support Assistant, HP PC Hardware Diagnostics UEFI, HP Secure Erase, HP BIOS Configuration Utility (free download), HP Driver Packs, HP Image Assistant, HP System Software Manager (free download), HP Sure Click, HP Manageability Integration Kit, HP Sure Admin, HP Client Security Manager Gen6, HP BIOSphere Gen6, HP ZCentral Remote Boost, HP Sure Recover Gen4, HP Management Integration Kit for Microsoft System Center Configuration Manager Gen 4, HP Performance Advisor 3.0, HP Sure Sense Gen2, HP Sure Run Gen5, HP PC Hardware Diagnostics Windows, HP Sure Start Gen7
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Power

Device Type:	Power supply
Voltage Required:	AC 90-269 V (50/60 Hz)
Power Provided:	700 Watt
Efficiency:	92%
Power Factor Correction:	Yes (active)

Miscellaneous

Theft/Intrusion Protection:	Security lock slot (cable lock sold separately), padlock loop, chassis intrusion sensor
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Security Slot Type:	Kensington security slot
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Compliant Standards:	RoHS, FIPS 140-2, WEEE, Energy-Related Products (ErP) Lot 6, CECP, SEPA, low halogen
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Manufacturer Selling Program:	HP Smart Buy
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Expansion / Connectivity

Bays:	1 (total) / 1 (free) x external 5.25" ; 1 (total) / 1 (free) x external 5.25" Slim Line ; 2 (total) / 2 (free) x internal 3.5" ; 1 (total) / 1 (free) x internal 2.5"
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Optical Storage

Type: No optical drive

Monitor

Monitor Type: None.

Graphics Controller

Multi-GPU Configuration: 1 single GPU card / integrated GPU

Graphics Processor: NVIDIA RTX A4000 / Intel UHD Graphics 770

Video Memory: 20 GB GDDR6 SDRAM

Video Interfaces: DisplayPort

Audio Output

Compliant Standards: High Definition Audio

Input Device

Type: Mouse, keyboard

Keyboard

Keyboard Name: HP 320K

Expansion / Connectivity

Slots: 1 (total) / 0 (free) x PCIe 5.0 x16 (x16 mode) ; 1 (total) / 1 (free) x PCIe 3.0 x4 (x1 mode) ; 1 (total) / 1 (free) x PCIe 3.0 x16 (x4 mode) ; 1 (total) / 1 (free) x PCIe 3.0 x4 (x4 mode) ; 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)

Interfaces: 1 x headphones/microphone (1 in front) (CTIA and OMTP headset support) ; 6 x USB 3.2 Gen 2 (4 front, 2 rear) (one of them is charging) ; 1 x audio line-in (1 rear) ; 1 x audio line-out (1 rear) ; 2 x DisplayPort 1.4 (2 rear) ; 3 x USB 2.0 (1 rear) ; 1 x USB 3.2 Gen 1 (1 rear) ; 1 x LAN (Gigabit Ethernet) (1 rear)

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, Intel Active Management Technology (AMT) 16

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

