

# HP Workstation Z2 G9 - tower Core i9 i9-14900K 3.2 GHz - 64 GB - SSD 1 TB



In Stock(27)

SKU	996Q7ET#UUW
Product Description:	HP Workstation Z2 G9 - tower Core i9 i9-14900K 3.2 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 (14th Gen) i9-14900K / 3.2 GHz (up to 6 GHz, (24-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, Intel Thermal Velocity Boost

## General

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

## Processor / Chipset

CPU:	Intel Core i9 (14th Gen) i9-14900K
Clock Speed:	3.2 GHz (P-core) / 2.4 GHz (E-core)
Max Turbo Speed:	6 GHz (P-core) / 4.4 GHz (E-core)
Number of Cores:	24-core
CPU Qty:	1
Max CPU Qty:	1

## 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

## Dimensions & Weight

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

## Manufacturer Warranty

## Processor / Chipset

L2 cache: 32 MB

CPU Upgradability: Upgradable

Processor Main Features: Hyper-Threading Technology, Intel Turbo Boost Technology 2, Intel Smart Cache, Intel Turbo Boost Max 3.0, Intel Thermal Velocity Boost

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, dual channel memory architecture

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, NVM Express (NVMe), triple-level cell (TLC)

## Storage Controller

Type: 1 x SATA/NVMe

## Manufacturer Warranty

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

## 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: 700 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, Energy-Related Products (ErP) Lot 6, CECP, SEPA, low halogen

Manufacturer Selling Program: HP Smart Buy

## 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"

## Storage Controller

**Controller Interface Type:** SATA 6Gb/s / PCIe 4.0 x4 (NVMe)

**Channel Qty:** 4

**RAID Level:** RAID 0, RAID 1

## Optical Storage

**Type:** No optical drive

## Monitor

**Monitor Type:** None.

## Expansion / Connectivity

**Slots:** 1 (total) / 0 (free) x PCIe 5.0 x16 - full-length, full-height ; 1 (total) / 1 (free) x PCIe 3.0 x4 - full-length, full-height (x1 mode, open ended) ; 1 (total) / 1 (free) x PCIe 3.0 x4 - full-length, full-height (open ended) ; 1 (total) / 1 (free) x PCIe 3.0 x16 - full-length, full-height (x4 mode) ; 3 (total) / 2 (free) x M.2 Card - 2280 (for SSD) ; 1 (total) / 1 (free) x M.2 Card - 2230 (for WLAN)

**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 x audio line-out ; 6 x DisplayPort 1.4 ; 3 x USB 2.0 ; 1 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, 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

## Keyboard

**Keyboard Name:** HP 320K

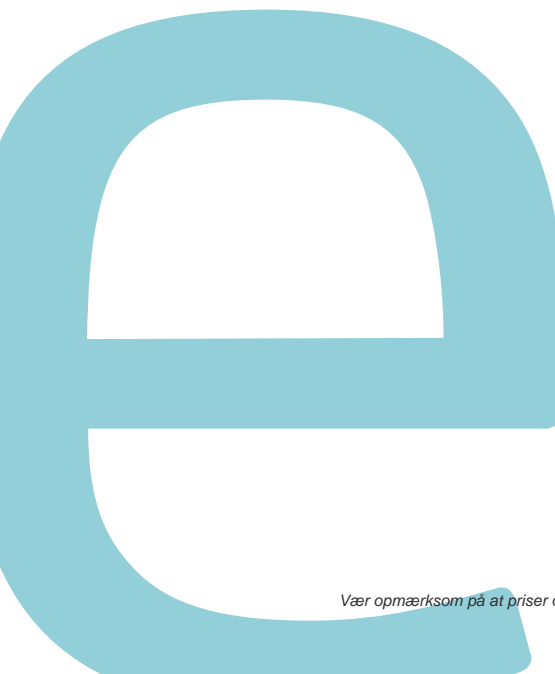
**Interface:** USB

## Input Device

**Type:** Mouse, keyboard

## Audio Output

**Compliant Standards:** High Definition Audio



## Graphics Controller

<b>Interface Type:</b>	PCIe 4.0 x16
<b>Multi-GPU Configuration:</b>	1 single GPU card / integrated GPU
<b>Graphics Processor:</b>	NVIDIA RTX A4000 / Intel UHD Graphics 770
<b>Video Memory:</b>	16 GB GDDR6 SDRAM
<b>Bandwidth:</b>	448 GBps
<b>Video Interfaces:</b>	DisplayPort

