

HP Workstation Z4 G5 - tower Xeon W7-2495X 2.5 GHz - 64 GB - SSD 1 TB



25-09-2024

SKU	82F67ET#UUW
Product Description:	HP Workstation Z4 G5 - tower Xeon W7-2495X 2.5 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 Xeon W7-2495X / 2.5 GHz (, up to 4.8 GHz, (24-core)
Processor Socket:	LGA4677 Socket-E
Processor Main Features:	Hyper-Threading Technology, Intel Turbo Boost Technology 2, Intel Turbo Boost Max 3.0

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 Xeon W7-2495X
Clock Speed:	2.5 GHz
Max Turbo Speed:	4.8 GHz
Number of Cores:	24-core
CPU Qty:	1
Max CPU Qty:	1

Environmental Parameters

Min Operating Temperature:	5 °C
Max Operating Temperature:	40 °C
Humidity Range Operating:	10 - 85% RH (non-condensing)

Dimensions & Weight (Shipping)

Shipping Width:	31.4 cm
Shipping Depth:	57.2 cm
Shipping Height:	56.3 cm
Shipping Weight:	14.35 kg

Dimensions & Weight

Width:	16.89 cm
Depth:	44.45 cm
Height:	38.61 cm
Weight:	10.5 kg

Manufacturer Warranty

Processor / Chipset

CPU Upgradability: Upgradable

Processor Main Features: Hyper-Threading Technology, Intel Turbo Boost Technology 2, Intel Turbo Boost Max 3.0

CPU Socket: LGA4677 Socket-E

Chipset Type: Intel W790

Cache Memory

Installed Size: L3 Cache - 45 MB

Cache Per Processor: 45 MB

RAM

Installed Size: 64 GB (installed) / 512 GB (max)

Technology: DDR5 SDRAM - ECC

Effective Memory Speed: 4400 MHz

Rated Memory Speed: 4800 MHz

Form Factor: DIMM 288-pin

Slots: 8 (Total) / 6 (empty)

Features: Registered

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

Controller Interface Type: SATA 6Gb/s

Channel Qty: 5

Manufacturer Warranty

Service & Support: Limited warranty - parts and labour - 1 year - on-site

Operating System / Software

OS Provided: Windows 11 Pro Danish / English / Finnish / Norwegian / Swedish

Software: HP Support Assistant, HP Performance Advisor, HP PC Hardware Diagnostics UEFI, HP BIOSphere, 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 Sense, HP Sure Admin, HP Tamper Lock, HP Client Security Manager Gen7, HP Sure Recover Gen4, HP SureStart Gen7, HP Smart Support, HP Sure Run Gen5, HP Platform Certificate, HP PC Hardware Diagnostics Windows, HP Anyware, HP Data Science Stack

Power

Device Type: Power supply

Voltage Required: AC 90-269 V (50/60 Hz)

Efficiency: 90%

Power Factor Correction: Yes (active)

Miscellaneous

Included Accessories: HP Flex 1GbE Single Port NIC

Theft/Intrusion Protection: Security lock slot (cable lock sold separately)

Security Slot Type: Kensington security slot

Compliant Standards: RoHS, FIPS 140-2, Common Criteria EAL4+, ERP, CECP, CEL, WEEE 2002/96/EC, TCO Certified Edge, IT ECO Declaration, JEDEC JESD 300-5, DASH 1.2

Manufacturer Selling Program: HP Smart Buy

Storage Controller

RAID Level: RAID 0, RAID 1, RAID 5, RAID 10

Optical Storage

Type: No optical drive

Monitor

Monitor Type: None.

Graphics Controller

Graphics Processor: No graphics

Audio Output

Compliant Standards: High Definition Audio

Input Device

Type: Mouse, keyboard

Keyboard

Keyboard Name: HP 320K

Interface: USB

Expansion / Connectivity

Bays: 2 (total) / 2 (free) x external 5.25" ; 2 (total) / 2 (free) x internal 3.5"

Slots: 1 (total) / 1 (free) x PCIe 5.0 x16 ; 2 (total) / 2 (free) x PCIe 4.0 x4 ; 2 (total) / 2 (free) x PCIe 4.0 x16 ; 2 (total) / 1 (free) x M.2 Card - 2280 (PCIe 4.0 x4 mode (for internal storage)) ; 1 (total) / 0 (free) x Flex I/O

Interfaces: 2 x USB-C 3.2 Gen 2x2 (2 in front) (Power Delivery 3.0) ; 2 x USB 3.2 Gen 1 (2 in front) (one of them is Battery Charging 1.2) ; 1 x headphones/microphone (1 in front) ; 1 x audio line-out/line-in (1 rear) ; 1 x LAN (Gigabit Ethernet) ; 6 x USB 3.2 Gen 1 (6 rear) ; 1 x LAN (Gigabit Ethernet) - LC (Flex I/O module)

Networking

Ethernet Controller: Intel I219-LM

Data Link Protocol: Ethernet, Fast Ethernet, Gigabit Ethernet

Features: Wake on LAN (WoL), PXE 2.1 support, Intel Active Management Technology (AMT) 16.10

Mouse

Mouse Name: HP 320M

Interface: USB

