

HP Workstation Z2 G9 - mini - Core i7 13700K 3.4 GHz - 32 GB - SSD 1 TB



In Stock(36)

SKU	98T60ET#UUW
Product Description:	HP Workstation Z2 G9 - mini - Core i7 13700K 3.4 GHz - 32 GB - SSD 1 TB
Type:	Workstation - mini
Height (Rack Units):	5U
Localisation:	Language: Danish, Norwegian, Finnish, Swedish / region: Denmark, Finland, Norway, Sweden
Processor:	1 x Intel Core i7 (13th Gen) 13700K / 3.4 GHz (, up to 5.4 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

General

Type:	Workstation
Product Form Factor:	Mini - 5U
Embedded Security:	Trusted Platform Module (TPM 2.0) Security Chip
Localisation:	Language: Danish, Norwegian, Finnish, Swedish / region: Denmark, Finland, Norway, Sweden

Processor / Chipset

CPU:	Intel Core i7 (13th Gen) 13700K
Clock Speed:	3.4 GHz (P-core) / 2.5 GHz (E-core)
Max Turbo Speed:	5.4 GHz (P-core) / 4.2 GHz (E-core)
Number of Cores:	16-core
CPU Qty:	1
Max CPU Qty:	1
L2 cache:	24 MB
CPU Upgradability:	Upgradable

Environmental Parameters

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

Dimensions & Weight (Shipping)

Shipping Width:	17 cm
Shipping Depth:	49.9 cm
Shipping Height:	29.8 cm
Shipping Weight:	4.8 kg

Dimensions & Weight

Width:	21.1 cm
Depth:	21.8 cm
Height:	6.9 cm
Weight:	2.4 kg

Manufacturer Warranty

Produktdatablad genereret d. 19-05-2024 22:41.
Vær opmærksom på at priser og lagerstatus var gældende på genereringstidspunktet og dermed ikke kan garanteres.

Processor / Chipset

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:	32 GB / 64 GB (max)
Technology:	DDR5 SDRAM - non-ECC
Effective Memory Speed:	5600 MHz
Rated Memory Speed:	5600 MHz
Form Factor:	SO-DIMM 262-pin
Slots:	2 (Total) / 0 (empty)
Configuration Features:	2 x 16 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
Controller Interface Type:	SATA 6Gb/s / PCIe 4.0 x4 (NVMe)
RAID Level:	RAID 0, RAID 1

Optical Storage

Type:	No optical drive
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Monitor

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
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Software:	HP Support Assistant, HP PC Hardware Diagnostics UEFI, HP Secure Erase, HP Image Assistant, HP PC Hardware Diagnostics, 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 SureStart Gen7, HP Performance Advisor 3.0, HP Sure Sense Gen2, HP Sure Run Gen5
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Power

Device Type:	Power adapter
Voltage Required:	AC 115/230 V (50/60 Hz)
Power Provided:	280 Watt
Efficiency:	89%
Power Factor Correction:	Yes

Miscellaneous

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

Expansion / Connectivity

Slots:	1 (total) / 0 (free) x PCIe 4.0 x16 ; 2 (total) / 1 (free) x M.2 Card - 2280 (PCIe 4.0 x4 mode) ; 1 (total) / 1 (free) x M.2 Card (for Intel CNVi wireless module)
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Monitor

Monitor Type:	None.
Interfaces:	1 x headphones/microphone (CTIA and OMTP headset support) 4 x USB 3.2 Gen 2 (charging) 2 x USB-C 3.2 Gen 2x2 (charging) 2 x DisplayPort 1.4 1 x LAN (Gigabit Ethernet) 4 x Mini DisplayPort 1.4

Networking

Ethernet Controller:	Intel I219-LM
Data Link Protocol:	Ethernet, Fast Ethernet, Gigabit Ethernet
Features:	Wake on LAN (WoL), auto-uplink (auto MDI/MDI-X), PXE 2.1 support, Intel Active Management Technology (AMT) 16
Compliant Standards:	IEEE 802.1Q, IEEE 802.1p, IEEE 802.3az

Mouse

Mouse Name:	HP 320M
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Keyboard

Keyboard Name:	HP 320K
Interface:	USB

Input Device

Type:	Mouse, keyboard
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Audio Output

Compliant Standards:	High Definition Audio
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Graphics Controller

Interface Type:	PCIe 4.0 x16
Multi-GPU Configuration:	1 single GPU card / integrated GPU
Graphics Processor:	NVIDIA RTX A2000 / Intel UHD Graphics 770
Video Memory:	12 GB GDDR6 SDRAM
Bandwidth:	288 GBps
Video Interfaces:	DisplayPort

