



HP Workstation Z4 G4 - MT - 4U

1 x Xeon W-2133 / 3.6 GHz - vPro - RAM 16 GB - SSD 512 GB - HP Z Turbo Drive G2 - NVMe - MLC - DVD-Writer - no graphics - GigE - Win 10 Pro for Workstations 64-bit - monitor: none - keyboard: English

Group	PCs
Manufacturer	HP
Manufacturer item no.	2WU66EA
EAN/UPC	0192018760455

Description

Perfect for engineering and visualization, HP's popular workstation delivers disruptive performance for a wide spectrum of applications.

Main features

Product Description	HP Workstation Z4 G4 - MT - Xeon W-2133 3.6 GHz - vPro - 16 GB - SSD 512 GB - English
Type	Workstation - mini tower
Platform Technology	Intel vPro Platform
Height (Rack Units)	4U
Localisation	Language: English / region: Europe
Processor	1 x Intel Xeon W-2133 / 3.6 GHz (3.9 GHz) (6-core)
Processor Socket	LGA2066 Socket
Processor Main Features	Hyper-Threading Technology, Intel Turbo Boost Technology 2
Cache Memory	8.25 MB
Cache Per Processor	8.25 MB
RAM	16 GB (installed) / 256 GB (max) - DDR4 SDRAM - ECC - PC4-20800
Storage Controller	SATA (SATA 6Gb/s)
Hard Drive	SSD 512 GB - PCI Express 3.0 x4 - M.2 2280 - HP Z Turbo Drive G2, NVMe Express (NVMe), multi-level cell (MLC)
Optical Storage	DVD-Writer
Graphics Controller	No graphics
Networking	GigE
Keyboard	English
Power	AC 120/230 V (50/60 Hz)



OS Provided	Windows 10 Pro for Workstations 64-bit Edition
Colour	Black
Dimensions (WxDxH)	16.9 cm x 44.5 cm x 38.6 cm
Weight	11.3 kg
Environmental Standards	ENERGY STAR Qualified

Extended details

General

Platform Technology	Intel vPro Platform
Type	Workstation
Product Form Factor	Mini tower - 4U
Built-in Devices	Speaker
Embedded Security	Trusted Platform Module (TPM 2.0) Security Chip
Colour	Black
Localisation	Language: English / region: Europe

Processor / Chipset

CPU	Intel Xeon W-2133 / 3.6 GHz
Max Turbo Speed	3.9 GHz
Number of Cores	6-core
CPU Qty	1
Max CPU Qty	1
CPU Upgradability	Upgradable
Processor Main Features	Hyper-Threading Technology, Intel Turbo Boost Technology 2
CPU Socket	LGA2066 Socket
Chipset Type	Intel C422

Cache Memory

Installed Size	8.25 MB
Cache Per Processor	8.25 MB

RAM

Installed Size	16 GB / 256 GB (max)
Technology	DDR4 SDRAM - ECC
Effective Memory Speed	2666 MHz
Rated Memory Speed	2666 MHz
Memory Specification Compliance	PC4-20800
Form Factor	DIMM 288-pin
Slots	8 (Total) / 6 (empty)
Features	Registered
Configuration Features	2 x 8 GB



Hard Drive	
Type	SSD - M.2 2280
Capacity	1 x 512 GB
Interface Type	PCI Express 3.0 x4
Features	HP Z Turbo Drive G2, NVM Express (NVMe), multi-level cell (MLC)
Storage Controller	
Type	1 x SATA
Controller Interface Type	SATA 6Gb/s
Channel Qty	6
RAID Level	RAID 0, RAID 1, RAID 10
Optical Storage	
Type	DVD-Writer DVD-Writer - SATA
Monitor	
Monitor Type	None.
Graphics Controller	
Graphics Processor	No graphics
Audio Output	
Compliant Standards	High Definition Audio
Input Device	
Type	Mouse, keyboard
Keyboard	
Interface	USB
Localization & Layout	English
Mouse	
Interface	USB
Networking	
Ethernet Controller	Intel I219-LM
Data Link Protocol	Ethernet, Fast Ethernet, Gigabit Ethernet
Features	Wake on LAN (WoL), PXE support
Expansion / Connectivity	
Bays	2 (total) / 1 (free) x external 5.25" 2 (total) / 2 (free) x internal 3.5"
Slots	2 (total) / 2 (free) x PCIe 3.0 x16 2 (total) / 2 (free) x PCIe 3.0 x4 1 (total) / 1 (free) x PCIe 3.0 x8 2 (total) / 1 (free) x M.2 Card
Interfaces	8 x USB 3.1 Gen 1 1 x headphones/microphone 2 x USB 2.0 1 x audio line-in 1 x audio line-out 2 x USB-C 1 x PS/2 keyboard 1 x PS/2 mouse 2 x LAN (Gigabit Ethernet) - RJ-45
Miscellaneous	
Theft/Intrusion Protection	Security lock slot (cable lock sold separately)
Security Slot Type	Kensington security slot
Compliant Standards	ACPI, RoHS, FIPS 140-2, Common Criteria EAL4+, WEEE 2002/96/EC, ISO

11469, ISO 1043

Power

Device Type	Power supply
Nominal Voltage	AC 120/230 V (50/60 Hz)
Power Provided	750 Watt
80 PLUS Certification	80 PLUS
Efficiency	90%
Power Factor Correction	Yes (active)

Operating System / Software

OS Provided	Windows 10 Pro for Workstations 64-bit Edition English
Software	HP Remote Graphics Software, Sobey Video Editing

Environmental Standards

ENERGY STAR Certified	Yes
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Manufacturer Warranty

Service & Support	Limited warranty - parts and labour - 3 years - on-site - response time: next business day
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Dimensions & Weight

Width	16.9 cm
Depth	44.5 cm
Height	38.6 cm
Weight	11.3 kg

Environmental Parameters

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