

HP Z1 G9 - tower - Core i9 13900 2 GHz - 32 GB - SSD 1 TB



In Stock(23)

SKU	98U22ET#UJW
Product Description:	HP Z1 G9 - tower - Core i9 13900 2 GHz - 32 GB - SSD 1 TB
Type:	Workstation - tower
Localisation:	Language: Danish, Norwegian, Finnish, Swedish / region: Denmark, Finland, Norway, Sweden
Processor:	1 x Intel Core i9 (13th Gen) 13900 / 2 GHz (, up to 5.6 GHz, (24-core)
Processor Main Features:	Hyper-Threading Technology, Intel Turbo Boost Technology 2, Intel Smart Cache, Intel Turbo Boost Max 3.0
Cache Memory:	36 MB L3 Cache
Cache Per Processor:	36 MB

General

Type:	Workstation
Product Form Factor:	Tower
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 i9 (13th Gen) 13900
Clock Speed:	2 GHz (P-core) / 1.5 GHz (E-core)
Max Turbo Speed:	5.6 GHz (P-core) / 4.2 GHz (E-core)
Number of Cores:	24-core
CPU Qty:	1
Max CPU Qty:	1
L2 cache:	32 MB
CPU Upgradability:	Upgradable

Dimensions & Weight (Shipping)

Shipping Width:	28.7 cm
Shipping Depth:	40 cm
Shipping Height:	49.9 cm
Shipping Weight:	9.24 kg

Dimensions & Weight

Width:	15.5 cm
Depth:	30.8 cm
Height:	33.7 cm
Weight:	5.7 kg

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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Processor / Chipset

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

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

RAM

Installed Size:	32 GB (installed) / 128 GB (max)
Technology:	DDR5 SDRAM
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 16 GB

Hard Drive

Type:	SSD - M.2 2280
Capacity:	1 x 1 TB
Interface Type:	PCI Express 4.0
Features:	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)

Optical Storage

Type:	No optical drive
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Monitor

Monitor Type:	None.
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Operating System / Software

Software:	HP Support Assistant, HP BIOS Configuration Utility (free download), HP Client Catalogue (free download), HP Driver Packs, HP Setup Integrated OOB, HP Image Assistant (free download), HP JumpStart, HP System Software Manager (free download), HP Privacy Settings, HP Cloud Recovery, HP Sure Sense, HP Client Management Script Library (free download), Ivanti Management Suite (free download), HP Desktop Support Utilities, HP Tamper Lock, HP Noise Cancellation Software, HP Client Security Manager Gen7, HP SureRun Gen4, HP Sure Recover Gen4, HP SureStart Gen7, HP Management Integration Kit for Microsoft System Center Configuration Manager Gen 4
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Power

Device Type:	Power supply
Voltage Required:	AC 90-264 V (50/60 Hz)
Power Provided:	550 Watt
80 PLUS Certification:	80 PLUS Platinum
Efficiency:	92%
Power Factor Correction:	Yes (active)

Miscellaneous

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"
Slots:	1 (total) / 0 (free) x PCIe 4.0 x16 ; 1 (total) / 1 (free) x PCIe 3.0 x4 ; 1 (total) / 1 (free) x PCIe 3.0 x1 ; 1 (total) / 1 (free) x M.2 Card - 2230 ; 2 (total) / 1 (free) x M.2 Card - 2280 ; 1 (total) / 1 (free) x Flex I/O

Graphics Controller

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

Graphics Processor: NVIDIA GeForce RTX 4060 / Intel UHD Graphics 770

Video Memory: 8 GB GDDR6 SDRAM

Video Interfaces: HDMI, DisplayPort

Audio Output

Compliant Standards: High Definition Audio

Expansion / Connectivity

Interfaces: 1 x headphones/microphone (1 in front) (CTIA and OMTP headset support) ; 3 x USB 3.2 Gen 1 (2 front, 1 rear) (one of them is fast-charging) ; 4 x USB 3.2 Gen 2 (2 front, 2 rear) ; 1 x USB-C 3.2 Gen 2x2 (charging) ; 1 x audio line-out ; 2 x DisplayPort 1.4 ; 3 x USB 2.0 ; 1 x LAN (Gigabit Ethernet) ; 1 x HDMI

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

Mouse

Mouse Name: HP 320M

Keyboard

Keyboard Name: HP 320K

Interface: USB

Input Device

Type: Mouse, keyboard

