HP Z2 Tower G9 Workstation (8T1K6EA)

Operating system	Windows 11 Pro [1]
Processor family	Intel® Core™ i9 14th generation processor
Processor	Intel® Core™ i9-14900K (up to 6.0 GHz with Intel® Turbo Boost Technology, 36 MB L3 cache, 24 cores, 32 threads) [2] [3]
Chipset	Intel® W680
Graphics	Integrated, Intel® UHD Graphics 770
Graphics	Discrete, NVIDIA RTX™ A2000 (12 GB GDDR6 dedicated) [4]
Memory	32 GB DDR5-4800 MT/s (2 x 16 GB)
Memory Slots	4 DIMM
Internal Storage	1 TB HP Z Turbo Drive PCIe® Gen4 TLC M.2 SSD
Additional storage	HP SD 4 Media Card Reader
Dimensions (W x D x H)	35.6 x 16.9 x 38.5 cm (Standard tower orientation.)
Weight	Starting at 6.2 kg (Exact weight depends on configuration.)
Software included	HP Support Assistant; HP PC Hardware Diagnostics Windows; HP Image Assistant; HP Manageability Integration Kit; Performance Advisor 3.0
Management features	HP Driver Packs; HP Management Integration Kit for Microsoft System Center Configuration Management Gen4; HP System Software Manager (download); HP BIOS Configuration Utility (download) [5]

Keyboard	HP Wired Desktop 320K Keyboard
Audio	Realtek ALC3205-VA2-CG, 2.0W internal mono speaker
Pointing device	HP Wired 320M Mouse
Expansion slots	1 PCIe 3 x4 (x16 connector); 1 PCIe 3 x4 (x4 connector); 1 PCIe 3 x1 (x4 connector); 1 PCIe 5 x16 (x16 connector); 1 M.2 2230 PCIe 3 X1 for WLAN (1 M.2 2230 slot for WLAN and 3 M.2 2280 slots for storage)
Ports	Front 4 SuperSpeed USB Type-A 10Gbps signaling rate (1 charging); 1 universal audio jack Rear 1 audio-in; 1 audio-out; 1 RJ-45; 2 DisplayPort™ 1.4; 2 SuperSpeed USB Type-A 10Gbps signaling rate; 1 SuperSpeed USB Type-A 5Gbps signaling rate; 3 USB Type-A 480Mbps signaling rate
Internal drive bays	One 2.5" HDD; Two 3.5" HDD; Three M.2 NVME 2280 SSD
External drive bays	One slim ODD; One 5.25" ODD
Power	700 W 92% efficient, wide-ranging, active PFC
Security management	HP Secure Erase; HP Sure Click; HP BIOSphere Gen6; HP Sure Admin; Hood Sensor Optional Kit; HP Client Security Manager Gen6; HP Sure Start Gen7; HP Sure Recover Gen4; HP Sure Sense Gen2; HP Sure Run Gen5 [6] [7] [8] [9] [10] [11] [12] [13] [14]
Sustainable impact specifications	80 Plus® Gold power supplies available; Bulk packaging available; Molded paper pulp cushion inside box is 100% sustainably sourced and recyclable; 45% post-consumer recycled plastic; 10% ITE-derived closed loop plastic; Low halogen PCAs; Product Carbon Footprint; Ocean-bound plastic in system fan, processor fan and speaker [15] [16] [17] [18] [19]
Manufacturer Warranty	3 year (3/3/3) limited warranty includes 3 years of parts, labor and on-site repair. Terms and conditions vary by country. Certain restrictions and exclusions apply.