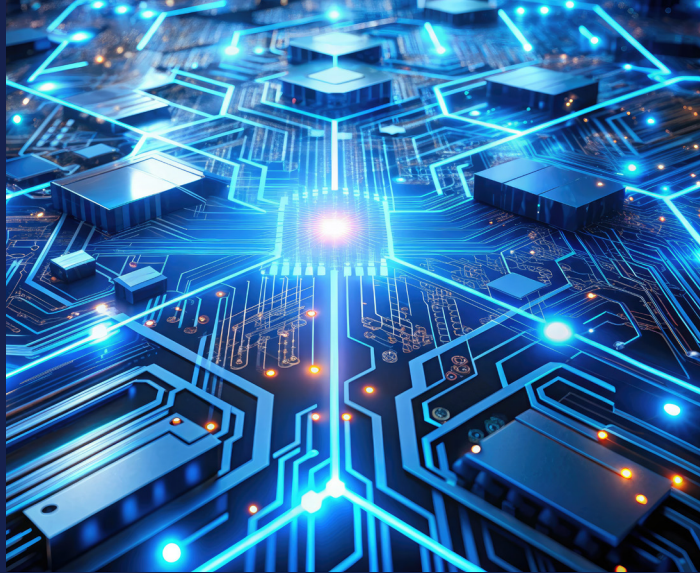
Scale Demanding Workflows with Next-Level Power



Z4 G6i Workstation Desktop PC

Scalable AI Workstation for Complex Professional Workflows

The HP Z4 G6i is designed for teams facing growing datasets, complex 3D models, AI development, rendering, simulation, and high-resolution media workflows. Its next-generation Intel® Xeon® 600 processors, with up to 48 cores, supports demanding multi-threaded work, while optional optional advanced graphics options accelerate visualization and GPU-intensive computing. Up to 1TB of DDR5 ECC memory, PCIe Gen5 bandwidth, four internal Gen5 M.2 drives, and up to 76TB of storage help reduce data-access bottlenecks. A redesigned lattice chassis improves airflow and acoustics, while tool-less access, an optional Max Side Panel, rack rails, and HP Remote System Controller simplify expansion and fleet management. HP Wolf Security, ISV certification, and workstation testing support reliable deployment.

Compared with less expandable desktop systems, the Z4 G6i combines scalable performance, professional graphics, enterprise manageability, and future-ready rack deployment in one platform.

Grow with* demanding workflows*: tool-less upgrades, support for two professional GPUs, and optional rack rails.

Intel Products and Technologies

Accelerating AI and Analytics at the Edge

Intel® Xeon® 6 Processors

Key Features

Empowered by Intel.

- Up to 48 Xeon Cores
- PCIE Gen5 Storage
- Up to 1TB ECC RAM
- Rack-Ready Design

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intel ai

Intel® AI Edge Systems

Product Specifications

CPU	Intel® Xeon® 600 series processors, from 12 to 48 cores; up to 300W
Graphics	Configurable professional graphics options designed to accelerate visualization, rendering, simulation, and AI workloads
Memory	Up to 1TB DDR5 ECC registered memory across eight DIMM slots; up to 6400 MT/s with one DIMM per channel or 5200 MT/s with two
Storage	Four onboard PCIe Gen5 M.2 slots and one internal 3.5-inch SATA bay; optional front removable M.2/U.2 carrier and PCIe Gen5 Quad Pro carrier
Wireless Network	Optional Wi-Fi 7 and Bluetooth 5.4, with an internal or external antenna
LAN	Integrated 1GbE RJ-45; optional Ethernet and fiber adapters up to 100GbE
Operating / Storage Temp.	5°C ~ 40°C / –40°C ~ 60°C
Dimension (W x D x H)	175mm × 469.9mm × 438.2mm (standard side panel); 209.8mm × 469.9mm × 438.2mm (optional Max Side Panel)
Weight	42.58 lb (19.33 kg)
OS	Windows 11 Pro for Workstations and Ubuntu 24.04 LTS are available preinstalled. Supported options include Windows 11, Red Hat Enterprise Linux Workstation 9/10, SUSE Linux Enterprise Desktop 15/16, and Ubuntu 24.04 LTS. Windows 10 is not supported.
I/O (Input/Output)	Front: either four USB-A 5Gbps ports, or two USB-A 5Gbps and two USB-C 20Gbps ports; headset jack and optional SD reader. Rear: five USB-A 5Gbps, one USB-C 10Gbps, audio jack, 1GbE RJ-45, and a configurable Flex I/O port. Optional serial, additional USB, dual Thunderbolt™ 5, network modules, and five PCIe expansion slots.

Learn More

HP Z4 G6i Workstation Desktop PC

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