

Extraordinary Performance. Exceptional Outcomes.



HP Z8 Fury G6i Workstation Desktop PC

Intel® Xeon® Power for Advanced AI and Simulation Workflows



The HP Z8 Fury G6i AI Workstation is engineered for organizations that need exceptional computing power for AI development, simulation, data science, visualization, and advanced content creation. Designed to consolidate demanding workloads into a single platform, it helps accelerate innovation while simplifying infrastructure and maximizing resource utilization. Powered by a single Intel® Xeon® 600 processor with up to 86 cores, Intel vPro® technologies, and ECC memory support, the system delivers the performance, reliability, and manageability required for mission-critical workflows.

With support for up to 2TB DDR5-6400 ECC memory and extensive storage expansion, the Z8 Fury G6i is built to process large datasets, train models, and run complex simulations at scale. HP Z Boost further enhances efficiency by enabling shared access to available GPU resources, improving utilization across teams and reducing idle compute capacity. The result is a scalable AI workstation solution that combines Intel-powered performance with enterprise-class flexibility to accelerate insights, productivity, and business outcomes.

***Accelerate
complex AI
workloads
with scalable
compute and
shared GPU
efficiency.***

Intel Products and Technologies

Accelerating AI and Analytics at the Edge



Intel® Xeon® 6
Processors



Intel® Arc™
Graphics



OpenVINO™
Toolkit

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oneAPI
Intel® oneAPI
Toolkit

Key Features

Empowered by Intel.



Fast Data Transfer



Dual Platinum Rated Power Supply



Custom Performance Modes



Cool and Quiet

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intel ai

Intel® AI Edge Systems

Product Specifications

CPU	Intel® Xeon® 6 Processor Family, up to Intel® Xeon® 698X with 86 cores
Graphics	Intel® Arc™ Pro B70 Graphics (dGPU)
Memory	Up to 2TB DDR5-6400 ECC memory
Storage	Up to 104TB storage capacity including hot-swappable NVMe devices
Wireless Network	Wi-Fi 7 (optional, depending on configuration) Bluetooth® 5.4 support is available with the wireless module configuration.
LAN	Integrated Intel® Ethernet Connection I219-LM PCIe® GbE, Intel vPro®; HP dual-port 10GBase-T NIC; Intel® Ethernet Converged Network Adapter X550-T2 dual-port 10GbE NIC
Operating / Storage Temp.	5°C ~ 35°C / -40°C ~ 60°C
Dimension (W x D x H)	17.5 x 8.6 x 22 in (without rear handle); 17.5 x 10 x 22 in (max side panel without rear handle)
Weight	Starting at 22.2 kg (exact weight depends on configuration)
OS	Windows, Linux
I/O (Input/Output)	Rear: 5x 5Gb SuperSpeed Type-A USB, 1x 20Gbps SuperSpeed+ Type-C USB. Front: Front I/O Premium: 2x SuperSpeed USB Type-C™ 20 Gbps signaling rate (USB Power Delivery 3.0), 2x SuperSpeed USB Type-A 5 Gbps signaling rate [left-most Type-A port has Charging Capability] Front I/O Entry1: 4x SuperSpeed USB Type-A 5 Gbps signaling rate [left-most Type-A port has Charging Capability]

Learn More

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