

## Dimensions

Height	Width	Depth
15.20 in (38.60 cm)	6.65 in (16.89 cm)	17.50 in (44.45 cm)

## Weight

Starting Weight
23.2 lbs. (10.52 kg)

## HP Z4 G5 Specifications

OS	Linux Ubuntu 22.04 LTS (provided by Ross Video Support)
Processor	Intel® Xeon® W5-2445 (base frequency 3.1GHz /up to 4.4 GHz with Intel® Turbo Boost Technology, 26.25 MB L3 cache, 10 cores, 20 threads)
Graphics	Discrete: NVIDIA RTX™ A4000 (16 GB GDDR6 dedicated)
Memory	32 GB DDR5-4800 MHz ECC RAM (2 x 16 GB)
Memory Slots	8 DIMM
Hard Drive	512 GB HP Z Turbo Drive PCIe® Gen4 TLC M.2 SSD
Power Supply	775 W internal power supply, up to 90% efficiency, active PFC
External I/O Ports	Front (Premium version): 2 SuperSpeed USB Type-C® 20Gbps signaling rate (USB Power Delivery); 2 SuperSpeed USB Type-A 5Gbps signaling rate; 1 headset/microphone combo  Front (Entry version) : 4 USB Type-A 5Gbps signaling rate; 1 headphone/microphone combo Rear : 1 RJ-45; 1 audio-in/out

Form Factor	Tower
Pointing Device	HP Wired 320M Mouse
Keyboard	HP USB 320K Keyboard
Expansion Slots	1 PCIe 5 x16; 2 PCIe 4 x16; 2 PCIe 4 x4Rear bulkhead access can be achieved through all slots but 2 PCIe 4 x8 are internal access only for M.2.

## AJA I/O

To use Piero with SDI video, one of the following supported I/O boards will need to be purchased and installed into the HP Z4 G5 workstation:

- Corvid 88 T (*full-height, w/RS-422 port*) for HD & UHD
- Corvid 44 T (*full-height, w/RS-422 port*) for HD only
- Corvid 44 BNC (*full-height, no RS-422 port*) for HD only

The HP Z4 G5 solely supports standard-profile / full-height versions of the AJA Corvid I/O board. Low-profile versions are not compatible.

AJA I/O boards can be purchased directly from AJA and through recommended AJA resellers.

For additional information on supported AJA cards, consult the AJA Developer Program information on their company website.

\*Specifications subject to change

The Build Your Own Machine (BYOM) option allows users to purchase a specified HP Z4 G5 workstation to run Piero on.

For live video, a recommended AJA Corvid I/O board will also need to be purchased. Details of supported AJA I/O models are listed in the AJA I/O section of this document.

After purchasing the HP hardware, the Ross Support Team will supply a custom Ubuntu OS installer and installation guidance. The custom Ubuntu OS installer will only work on the afore mentioned HP Z4 G5 specifications. The Ross Video Support Team will assist with the installation process and can be contacted at: [techsupport@rossvideo.com](mailto:techsupport@rossvideo.com)