# HELIXX

## 2U4G | XEON 6700

The HELIXX 2U4G | XEON is the ultimate high-density 2U server for the edge. Powered by Intel Xeon 6700 Series processors and supporting up to four graphics cards and 2 TB of memory, this platform is purpose-built for deploying complex NVIDIA Omniverse™ simulations and high-performance Edge Compute inference. Its compact design delivers the necessary GPU, CPU, and memory resources for seamless real-time rendering and AI model deployment.

Artificial Intelligence | Virtual Workstation | Digital Twins | HPC and Data Analytics

### Key Features

Features Intel® Xeon® 6 6700P Processor Up to 4 NVIDIA® RTX PRO™ 6000 Blackwell Server Edition at 600 Watt Each

Well Equipped For:

- Agentic AI
- Industrial & Physical AI
- Scientific Computing
- Data Analytics
- Simulation
- Visual Computing
- Enterprise Applications

### Service & Support

Three-year standard warranty.

**Chipset:** SoC

**Socket:** Single (4710-E2)

**CPU Cooling:** Air-Cooled

**Processor:** Intel Xeon 6700P

**Cores Frequency (GHz):** 2.9 Base clock / 4.0 Boost clock

**Cores/Threads:** 64/128

**Multi-Threading:** Yes

**Max Configurable Memory:** 2TB

**DIMM Slots:** 16

**Physical PCIe Slots:**

4 PCIe 5.0 x16 for NVIDIA® RTX PRO™ 6000 Blackwell Server Edition

3 PCIe 5.0 x16 for Network Add in Cards

**PCIe Lanes per GPU:**

Up to 4 GPUs PCIe 5.0 x16

**M.2 Drives:** 2 up to 2TB each

**Power Supply:** 2400-Watt 2+2 (80 Plus Titanium) (208-240V)

**GPU Power Budget (W):** 2400

**Chassis Dimensions:**

17.2" (43.85cm) W

3.46" (8.80cm) H

35.43" (90.0cm) D

**Front I/O:**

12 PCIe I/O Windows

**Rear I/O:**

(1) 1000Base-T Dedicated Server Management port

(1) USB 3.0/2.0 Type-A port

(1) Mini Display port

(1) Power LED button

(1) UID LED button

**Rackmount Option:** Yes

**Notes:**

Highest available CPU core count and associated clock speeds shown. Other processors with different core counts and frequencies may be available.

GPU power budgets are conservative estimates. Shipping weights vary by configuration.



BOXX

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