

AceleMax® AXG-828ES

DP Intel 8U System with NVIDIA HGX H100 8-GPU and Rear I/O



Features

- High Performance Computing
- AI/Deep Learning Training
- Industrial Automation, Retail
- Healthcare
- Conversational AI
- Business Intelligence & Analytics
- Drug Discovery
- Climate and Weather Modeling

Specifications

Chipset	• Intel® C741
CPU	• Dual Socket E (LGA-4677) • 5th Gen Intel® Xeon® / 4th Gen Intel® Xeon® Scalable processors
GPU	• NVIDIA SXM: HGX H100 8-GPU (80GB)
Memory	• Slot Count: 32 DIMM slots
Storage	• 12 front hot-swap 2.5" NVMe drive bay(s) • 3 front hot-swap 2.5" SATA drive bay(s)
Networking	• 2 RJ45 10GbE with Intel® X550-AT2 (optional) • 2 SFP28 25GbE with Broadcom® BCM57414 (optional) • 2 RJ45 10GbE with Intel® X710-AT2 (optional)
BIOS	• AMI 32MB SPI Flash EEPROM
Expansion Slots	• 8 PCIe 5.0 x16 LP slot(s) • 2 PCIe 5.0 x16 FHHL slot(s)
Power Supply	• 6x 3000W Redundant Titanium Level power supplies
Video	• 1 VGA port(s)
OS Compatibility	• Windows Server 2019 / 2022 • RHEL 8.6 / 8.7 / 9 / 9.1 (x64) SLES 15 SP4 (x64) • Ubuntu 20.04.5 LTS / 22.04 LTS / 22.04.1 LTS (x64)
System Fans	• 10 heavy duty fans with optimal fan speed control
Operating Properties	• Operating Temperature: 10°C ~ 35°C (50°F ~ 95°F) • Non-operating Temperature: -40°C to 60°C (-40°F to 140°F) • Operating Relative Humidity: 8% to 90% (non-condensing) • Non-operating Relative Humidity: 5% to 95% (non-condensing)
Dimensions	• 106.5 x 82.1 x 245.5 mm

