

AceleMax DGS-528ES

5U DP SXM5 H100 8-GPU Server System



Features

- NVIDIA-Certified system for scalability, functionality, security, and performance
- Supports NVIDIA HGX™ H100 with 8 x SXM5 GPUs
- Supports NVIDIA® NVLink® and NVSwitch™ technology
- Up to 900GB/s GPU to GPU interconnection
- DP 4th Gen Intel® Xeon® Scalable Processors
- 8-Channel RDIMM DDR5 per processor, 32 x DIMMs
- Dual ROM Architecture

Specifications

Motherboard	<ul style="list-style-type: none"> • MSB3-G40
Memory	<ul style="list-style-type: none"> • 32 x DIMM slots • DDR5 memory supported only • 8-Channel memory architecture per processor • RDIMM modules up to 128GB supported • 3DS RDIMM modules up to 256GB supported • Memory speed: Up to 4800 MHz (1DPC), 4400 MHz (2DPC)
Expansion Slots	<ul style="list-style-type: none"> • Supports NVIDIA HGX™ H100 with 8 x SXM5 GPUs • 8 x PCIe x16 (Gen5 x16) low-profile slots, from PEX89104 • 2 x PCIe x16 (Gen5 x16) low-profile slots, from CPU_0 • 2 x PCIe x16 (Gen5 x16) low-profile slots, from CPU_1 • 1 x PCIe x16 (Gen4 x16) low-profile slot, from CPU_0
CPU	<ul style="list-style-type: none"> • DP 4th Generation Intel® Xeon® Scalable Processors • DP 4th Generation Intel® Xeon® CPU Max Series
Storage	<ul style="list-style-type: none"> • Front side: 8 x 2.5" Gen5 NVMe/SATA/SAS hot-swappable bays, from PEX89104
Socket	<ul style="list-style-type: none"> • 2 x LGA 4677
Chipset	<ul style="list-style-type: none"> • Intel® C741 Chipset
LAN	<ul style="list-style-type: none"> • Front side: 2 x 10Gb/s BASE-T LAN ports (Intel® X710-AT2) NCSI function supported • 1 x 10/100/1000 management LAN
Video	<ul style="list-style-type: none"> • Integrated in Aspeed® AST2600 • 2D Video Graphic Adapter with PCIe bus interface • 1920x1200@60Hz 32bpp, DDR4 SDRAM

Specifications

Internal I/O	<ul style="list-style-type: none"> • 1 x TPM header • 1 x VROC connector • 1 x Front panel header
Front I/O	<ul style="list-style-type: none"> • 2 x USB 3.2 Gen1 • 1 x VGA • 2 x RJ45 • 1 x MLAN (default port) • 1 x Power button with LED • 1 x ID button with LED • 1 x Reset button • 1 x NMI button • 1 x System status LED • 1 x HDD access LED
Rear I/O	<ul style="list-style-type: none"> • 1 x MLAN
Backplane I/O	<ul style="list-style-type: none"> • Speed and bandwidth: PCIe Gen5 x4 or SATA 6Gb/s or SAS 12Gb/s
TPM	<ul style="list-style-type: none"> • 1 x TPM header with SPI interface • Optional TPM2.0 kit: CTM010
Power Supply	<ul style="list-style-type: none"> • 4+2 3000W (240V) 80 PLUS Titanium redundant power supplies • AC Input: <ul style="list-style-type: none"> - 115-127V~/ 14.2A, 50-60Hz - 200-220V~/ 15.8A, 50-60Hz - 220-240V~/ 14.9A, 50-60Hz • DC Input: <ul style="list-style-type: none"> - 240Vdc/ 14A • DC Output: <ul style="list-style-type: none"> Max 1450W at 115-127V~ +54V/ 26.6A +12Vsb/ 3A Max 2900W at 200-220V~ +54V/ 53.4A +12Vsb/ 3A Max 3000W at 220-240V~ or 240Vdc +54V/ 55.6A +12Vsb/ 3A
System Fans	<ul style="list-style-type: none"> • Front: 5 x 80x80x80mm (17,200rpm), 6 x 60x60x76mm (21,700rpm) • Rear: 6 x 80x80x80mm (17,000rpm), 3 x 40x40x56mm (29,700rpm) • Internal: 6 x 40x40x28mm (25,000rpm)/4 x 60x60x56mm (24,000rpm)
Dimensions (WxHxD, mm)	<ul style="list-style-type: none"> • 447mm x 222.25mm x 945mm

