

AceleMax A-528X

5U DP AMD Instinct™ MI300X 8-GPU



Features

- Supports 8 x AMD Instinct™ MI300X OAM GPU modules
- 128GB/s GPU to GPU interconnection
- AMD EPYC™ 9004 Series processors
- AMD EPYC™ 9004 Series processors with AMD 3D V-Cache™ Technology
- Dual processor, 5nm technology
- 12-Channel RDIMM DDR5 per processor, 24 x DIMMs

Specifications

CPU	<ul style="list-style-type: none"> • AMD EPYC™ 9004 Series processors • AMD EPYC™ 9004 Series processors with AMD 3D V-Cache™ Technology • Dual processor, 5nm technology • *Up to 128-core, 256 threads per processor • cTDP up to 300W at ambient 35°C
Chipset	<ul style="list-style-type: none"> • System on Chip
Memory	<ul style="list-style-type: none"> • 24 x DIMM slots • DDR5 memory supported only • 12-Channel memory architecture • RDIMM modules up to 96GB supported • 3DS RDIMM modules up to 256GB supported • Memory speed: Up to 4800 MHz
LAN	<ul style="list-style-type: none"> • 2 x 10Gb/s BASE-T LAN ports (Intel® X710-AT2) • NCSI function supported • 1 x 10/100/1000 management LAN
Expansion Slots	<ul style="list-style-type: none"> • Supports 8 x AMD Instinct™ MI300X OAM GPU modules • 8 x PCIe x16 (Gen5 x16) low-profile slots, from PEX89104 • 4 x PCIe x16 (Gen5 x16) FHHL slots, from PEX89048
Video	<ul style="list-style-type: none"> • Integrated in Aspeed® AST2600 • 2D Video Graphic Adapter with PCIe bus interface • 1920x1200@60Hz 32bpp, DDR4 SDRAM
Internal I/O	<ul style="list-style-type: none"> • 1 x TPM 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

Specifications	
TPM	<ul style="list-style-type: none"> • 1 x TPM header with SPI interface • Optional TPM2.0 kit: CTM010
System Management	<ul style="list-style-type: none"> • Aspeed® AST2600 management controller • GIGABYTE Management Console (AMI MegaRAC SP-X) web interface Dashboard • HTML5 KVM • Sensor Monitor (Voltage, RPM, Temperature, CPU Status ...etc.) • Sensor Reading History Data • FRU Information • SEL Log in Linear Storage / Circular Storage Policy • Hardware Inventory • Fan Profile • System Firewall • Power Consumption • Power Control • Advanced power capping • LDAP / AD / RADIUS Support • Backup & Restore Configuration • Remote BIOS/BMC/CPLD Update • Event Log Filter • User Management • Media Redirection Settings • PAM Order Settings • SSL Settings • SMTP Settings
Power Supply	<ul style="list-style-type: none"> • 4+2 3000W 80 PLUS Titanium redundant power supplies
System Fans	<ul style="list-style-type: none"> • TBD
Dimensions (WxHxD, mm)	<ul style="list-style-type: none"> • 447 x 222.25 x 945

