

AceleMax DGS-428A

4U AMD quad APU system with 4 AMD Instinct™ MI300A accelerators



Features

- Quad AMD Instinct™ MI300A processors;
- HBM3 Stacks 512GB
- Optional PCIe configurations up to 8 PCIe slots x16
- Flexible networking options with 2 AIOM networking slot (OCP NIC 3.0 compatible)
- Default 8x 2.5" Hot-swap NVMe or Optional 24x 2.5" SAS3/ SATA3 via storage add-on card
- 2x internal M.2 NVMe/SATA

Specifications	
Processor	<ul style="list-style-type: none"> • Quad Socket SH5 • AMD Instinct™ MI300A Accelerated Processing Units (APUs)
GPU	<ul style="list-style-type: none"> • Max GPU Count: Up to 4 onboard GPU(s) • Supported GPU: AMD: Instinct MI300A APU
Memory	<ul style="list-style-type: none"> • Slot Count: Onboard Memory • Max Memory: Up to 512GB non-ECC HBM3
On-Board Devices	<ul style="list-style-type: none"> • Chipset: AMD SH5 • Network Connectivity: Via AIOM
Expansion Slots	<ul style="list-style-type: none"> • 4 PCIe 5.0 x16 FHFL slot(s) • 6 PCIe 5.0 x8 FHFL slot(s) • 2 PCIe 5.0 x8 AIOM slot(s) (OCP 3.0 compatible)
Drive Bays	Default: Total 8 bay(s) <ul style="list-style-type: none"> • 8 front hot-swap 2.5" NVMe drive bay(s) • Option A: Total 24 bay(s) • 24 front hot-swap 2.5" SAS*/SATA* drive bay(s)
Input/Output	<ul style="list-style-type: none"> • LAN: 1 RJ45 1 GbE Dedicated IPMI LAN port(s) • USB: 2 USB 3.0 port(s) (rear) • Video: 1 DisplayPort port(s)
Fans	<ul style="list-style-type: none"> • 10 heavy duty fans w/ optimal fan speed control
Power Supply	<ul style="list-style-type: none"> • 2700W redundant Titanium level power supplies
Operating Environment	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • Height: 7" (177 mm) Width: 17.3" (438.4 mm) Depth: 33.4" (848.7 mm)

