

AceleMax® DGS-AR211

Breakthrough Accelerated Performance for Giant-Scale AI-HPC Applications



Features

- Powered by NVIDIA® Grace™ Hopper™ Superchip
- Coherent memory between CPU and GPU with NVLink®- C2C interconnect
- Optimized for memory intensive inference and HPC performance
- arm SystemReady

Specifications

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|--------------------|---|
| Processor Family | <ul style="list-style-type: none"> • NVIDIA GH200 Grace™ Hopper™ Superchip |
| Processor Type | <ul style="list-style-type: none"> • NVIDIA Grace™ • 72 Arm® Neoverse V2 cores |
| Form Factor | <ul style="list-style-type: none"> • 2U |
| Storage | <ul style="list-style-type: none"> • (4) E1.S NVMe SSD |
| Memory | <ul style="list-style-type: none"> • Up to 480GB LPDDR5X embedded • 96GB HBM3 GPU memory |
| Expansion Slot | <ul style="list-style-type: none"> • (3) PCIe 5.0 x16 FHFL Dual Width slots |
| Front I/O | <ul style="list-style-type: none"> • Power/ID/Reset Buttons • Power/ID/Status LEDs • (2) USB 3.0 ports • (1) VGA port |
| Storage Controller | <ul style="list-style-type: none"> • Broadcom HBA 9500 Series Storage Adaptor • Broadcom MegaRAID 9560 Series |
| Power Supply | <ul style="list-style-type: none"> • 1+1 High efficiency hot-plug 2000W PSU, 80 Plus Titanium |
| Onboard Storage | <ul style="list-style-type: none"> • (2) 22110/2280 PCIe M.2 |
| Fan | <ul style="list-style-type: none"> • (5) 6056 dual rotor fans (N+1 redundant) |

Specifications (continued)

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| Rear I/O | <ul style="list-style-type: none">• (1) USB 3.0• (1) Mini display port• (1) ID LED• (1) PWR Button/PWR LED• (1) COM Port (micro USB type-B)• (1) RJ45 mgmt port |
| Operating Environment | <ul style="list-style-type: none">• Operating temperature: 5°C to 35°C (41°F to 95°F)• Non-operating temperature: -40°C to 70°C• Operating relative humidity: 20% to 85%RH• Non-operating relative humidity: 10% to 95%RH |
| TPM | <ul style="list-style-type: none">• TPM 2.0 SPI module (optional) |
| Dimensions | <ul style="list-style-type: none">• W x H x D (inch): 17.24" x 3.44" x 35.43"• W x H x D (mm): 438 x 87.5 x 900mm |

