

# AceleMax® AXG-214A

## 2U UP AMD EPYC CPU 4x PCIe GPU server



### Features

- AMD EPYC™ 9005, 9004 series with AMD 3D V-Cache technology
- PCIe Gen5.0 Ready
- AI and HPC workloads ready
- Comprehensive cooling solutions
- Enhanced IT-infrastructure management

### Applications

- Streaming Media
- Cloud Computing
- Virtualized & VDI Application
- Enterprise & HPC Application

### Specifications

Processor Support	<ul style="list-style-type: none"> <li>• 1 x Socket SP5 (LGA 6096)</li> <li>• AMD EPYC™ 9005, 9004 series (up to 400W)</li> <li>• 5th and 4th Generation AMD EPYC Processors with AMD 3D V-Cache technology</li> </ul>
Memory	<ul style="list-style-type: none"> <li>• Total Slots: 12 (12-channel per CPU, 12 DIMM per CPU)</li> <li>• Capacity: Maximum up to 3TB per CPU socket</li> <li>• Memory Type: DDR5 4800/4400 RDIMM/ 3DS RDIMM</li> <li>• Memory Size: 64GB, 32GB, 16GB RDIMM 256GB, 128GB 3DS RDIMM</li> </ul>
Expansion Slots	<ul style="list-style-type: none"> <li>• Total PCI/PCI-X/PCI-E/PIKE Slots: 12</li> <li>• Slot Type: Rear:               <ul style="list-style-type: none"> <li>-4 x PCIe x16 slots (Gen5 x16 link, FH, FL) for dual-slot GPU cards or</li> <li>8 x PCIe x16 slots (Gen5 x8 link, FH,FL) for single-slot GPU cards</li> <li>-1 x PCIe x16 slots (Gen5 x16 link, FH, HL)</li> <li>-1 x PCIe x16 slot (Gen5 x16/x8 link, FH, HL) or OCP socket option</li> <li>-1 x PCIe x8 slot (Gen5 x0/x8 link, LP, HL)</li> </ul> </li> <li>Front: 1 x PCIe x8 slot (Gen5 x8 link, LP, HL) Only for SKU1</li> </ul>
Disk Controller	<ul style="list-style-type: none"> <li>• SATA Controller: 6 x SATA 6Gb/s ports</li> <li>• SAS Controller: Optional Kits:               <ul style="list-style-type: none"> <li>- AMAX 3008 8-port SAS 12Gb/s HBA card</li> <li>- AMAX 3108 8-port SAS HW 12Gb/s RAID card</li> <li>- Broadcom MegaRAID 9540-8i</li> <li>- Broadcom MegaRAID 9560-16i</li> </ul> </li> </ul>
Storage Bays	<ul style="list-style-type: none"> <li>• I = internal: 2 x 2.5" &amp; 4 x 3.5" Hot-swap Storage Bays</li> <li>• A or S will be hot-swappable:</li> <li>SKU1:               <ul style="list-style-type: none"> <li>- 2 x 2.5" SATA/SAS*/NVMe +</li> <li>- 2 x 3.5" SATA/SAS*/NVMe + 2 x 3.5" SATA/SAS*</li> </ul> </li> <li>SKU2: Build to order               <ul style="list-style-type: none"> <li>- 2 x 2.5" SATA/SAS*/NVMe +</li> <li>- 4 x 3.5" SATA/SAS*/NVMe (Occupy 1 x PCIe x8 link )</li> </ul> </li> <li>*SAS support required a HBA/RAID card.</li> <li>**For SKU1 additional 2 x NVMe support required a RAID card.</li> </ul>

Specifications	
Networking	<p>LAN:</p> <ul style="list-style-type: none"> <li>• 2 x Gigabit LAN ports (Intel I350 Controller)</li> <li>• 1 x Management Port</li> </ul>
Graphic	<ul style="list-style-type: none"> <li>• VGA: Aspeed AST2600 64MB</li> </ul>
Front I/O Ports	<ul style="list-style-type: none"> <li>• 4 x USB 3.2 Gen1 ports</li> </ul>
Rear I/O	<ul style="list-style-type: none"> <li>• 2 x USB 3.2 Gen1 ports</li> <li>• 2 x Gigabit LAN ports (RJ45)</li> <li>• 1 x Management port (RJ45)</li> <li>• 1 x VGA port</li> </ul>
Switch/LED	<p>Front:</p> <ul style="list-style-type: none"> <li>• 1 x Power Button/LED</li> <li>• 1 x Location Button/LED</li> <li>• 1 x Message LED</li> <li>• 1 x Q-Code/Port 80 LED</li> <li>• 2 x LAN LED</li> </ul> <p>Rear:</p> <ul style="list-style-type: none"> <li>• 1 x Power Button/LED</li> <li>• 1 x Location LED</li> <li>• 1 x Message LED</li> </ul>
OS Support	<ul style="list-style-type: none"> <li>• Windows Server</li> <li>• RedHat® Enterprise Linux</li> <li>• SuSE® Linux Enterprise Server</li> <li>• CentOS</li> <li>• Ubuntu</li> <li>• Vmware</li> </ul>
Management Solution	<ul style="list-style-type: none"> <li>• Software: AMAX Control Center (Classic)</li> <li>• Out of Band Remote Management: On-Board AB11-iKVM</li> </ul>
Power Supply (following different configuration by region)	<ul style="list-style-type: none"> <li>• 1+1 Redundant 2600W 80 PLUS Titanium CRPS-R Power Supply</li> </ul>
Environment	<ul style="list-style-type: none"> <li>• Operation temperature: 10°C ~ 35°C</li> <li>• Non operation temperature: -40°C ~ 70°C</li> <li>• Non operation humidity: 20% ~ 90% (Non condensing)</li> </ul>
Dimensions	<ul style="list-style-type: none"> <li>• 800mm x 439.5mm x 88.9mm (2U)</li> <li>• 31.5" x 17.3" x 3.5"</li> </ul>

