

# ServMax® A-24808G

## 2U 4 Node Dual Socket AMD EPYC 9005, 9004 Series Processor Server



### Features

- AMD EPYC 9005, 9004 Series Processors
- PCIe 5.0 Ready
- Maximum memory bandwidth
- Liquid Cooling Solutions
- Enhanced Security

### Applications

- HPC Application
- Dense Computing Server

### Specifications

Processor Support	<ul style="list-style-type: none"> <li>• Per node: 2 x Socket SP5 (LGA 6096)</li> <li>• AMD EPYC™ 9005, 9004 Series Processors (up to 400W)</li> <li>• 5th/4th Generation AMD EPYC Processors</li> </ul>
Core Logic	<ul style="list-style-type: none"> <li>• System on Chip (SoC)</li> </ul>
Memory	<ul style="list-style-type: none"> <li>• Total Slots: Per node: 24 x DIMM slots</li> <li>• Capacity: Maximum up to 6144 GB</li> <li>• Memory Type: DDR5 4800/4400 RDIMM/ 3DS RDIMM</li> <li>• Memory Size: 64GB, 32GB (RDIMM), 64GB, 32GB (RDIMM3DS)</li> </ul>
Expansion Slots	<ul style="list-style-type: none"> <li>• Total PCI/PCI-X/PCI-E/PIKE Slots: Per node: 2 x Expansion slots</li> <li>• Slot Type: 2 x PCIe Gen5 x16, LP (CPU1)</li> </ul>
Disk Controller	<p>SATA Controller:</p> <ul style="list-style-type: none"> <li>• Per node: Support RAID 0, 1</li> <li>• Optional Broadcom SAS3008 12G Controller</li> </ul> <p>SAS Controller:</p> <ul style="list-style-type: none"> <li>• The Same as SATA Controller</li> </ul>
Storage Bays	<p>I = internal</p> <ul style="list-style-type: none"> <li>• 8 x 2.5" hot-swap drive bays (NVMe/SATA/SAS*)</li> <li>A or S will be hot-swappable</li> <li>• Per node: 2 x M.2 (Up to 22110) (Support PCIeM.2)</li> </ul> <p>*SATA/SAS support from optional CB board</p>
Networking	<p>LAN</p> <ul style="list-style-type: none"> <li>• Per node: 2 x 10GbE LAN port, 1 x Management Port</li> </ul>
Graphic	<ul style="list-style-type: none"> <li>• VGA: Aspeed AST2600 64MB</li> </ul>
Auxiliary storage Device Bay	N/A
Front I/O Ports	N/A
Rear I/O Ports	<p>Per node:</p> <ul style="list-style-type: none"> <li>• 2 x USB 3.2 Gen1ports</li> <li>• 1 x VGA port</li> <li>• 1 x Mini – DP port</li> <li>• 1 x Management port</li> <li>• 2 x 10GbE LAN port</li> </ul>

Specifications	
Switch/LED	Per node: <ul style="list-style-type: none"> <li>• Rear Switch/LED: 1 x Power Switch/LED, 1 x Q-Code/Port 80LED</li> <li>• Front Switch/LED: 1 x Power Switch/LED, 1 x Location Switch/LED, 1 x Message LED, 2 x LAN LED</li> </ul>
OS Support	<ul style="list-style-type: none"> <li>• Windows® Server</li> <li>• RedHat® Enterprise Linux, SuSE® Linux Enterprise Server</li> <li>• CentOS, Ubuntu, 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 for KVM-over-IP</li> </ul>
Power Supply (following different configuration by region)	<ul style="list-style-type: none"> <li>• 1+1 Redundant 2600W 80 PLUS Titanium Power Supply</li> <li>• 1+1 Redundant 3200W 80 PLUS Titanium 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~ 60°C</li> <li>• Non operation humidity: 20% ~ 90% (Non condensing)</li> </ul>
Dimension	<ul style="list-style-type: none"> <li>• 847mm x 444mm x 87.3mm (2U)</li> <li>• 33.35" x 17.48" x 3.43"</li> </ul>

