

# ServMax® A-1112G

## 1U Single Socket AMD EPYC 9005, 9004 Series Processor Server



### Features

- 1 x AMD EPYC 9005, 9004 series processor support
- 24 x DDR5 6000 MHz DIMM support
- 2 x M.2 socket support
- 3 x PCIe + 1 x OCP expansion in 1U rack server.
- Internal 4-bay cage for mid bay SKU

### Applications

- General-purpose Rack Server
- Enterprise Application

### Specifications

Processor Support	<ul style="list-style-type: none"> <li>• 1 x Socket SP5 (LGA-6096)</li> <li>• Supports 5th/4th Generation AMD EPYC Processors</li> <li>• Supports AMD EPYC™ 9004 series processors (up to 400W)</li> </ul>
Memory	<ul style="list-style-type: none"> <li>• Total Slots: 24 12-channel, 2 DIMM per channel</li> <li>• Capacity: Up to 6,144GB</li> <li>• Memory Type: <ul style="list-style-type: none"> <li>- DDR5 6000/4800/4400/4000/3600 RDIMM/ 3DSRDIMM</li> <li>- 1DPC up to 4800</li> <li>- 2DPC up to 4000(1R+1R)</li> <li>- 2DPC up to 3600(1R+2R)/(2R+2R)</li> </ul> </li> <li>• Memory Size: 256GB, 128GB, 64GB, 32GB, 16GB</li> </ul>
Expansion Slots	<p>Total Slots:</p> <ul style="list-style-type: none"> <li>• 3+1</li> </ul> <p>Slot Type:</p> <ul style="list-style-type: none"> <li>• 1 x PCIe x16 slot (Gen5 x16 link, FH, HL)</li> <li>• 1 x PCIe x16 slot (Gen5 x16 link, LP, HL)</li> <li>• 1 x PCIe x16 slot (Gen5 x8 link, LP, HL)</li> <li>• 1 x OCP3.0 socket (Gen5 x16 link)</li> </ul>
Storage Bays	<ul style="list-style-type: none"> <li>• Front: 12 x 2.5" Hot-swap Storage Bays (12 x SATA/SAS/ U.2 or U.3 NVMe Devices)</li> <li>• Mid storage bays SKU support up to 16NVMe/SATA</li> <li>• 2 x M.2 socket (Gen4 x4 link or SATA mode, up to 22110 module)</li> </ul>
Networking	<p>LAN:</p> <ul style="list-style-type: none"> <li>• 1 x Dual Port Intel I350-AM2 Gigabit LAN controller</li> <li>• 1 x Dedicated Management port (BMC AST2600)</li> </ul>
Security	<ul style="list-style-type: none"> <li>• Optional TPM module</li> <li>• Optional PFR module</li> </ul>
Front I/O Ports	<ul style="list-style-type: none"> <li>• N/A</li> </ul>
Rear I/O Ports	<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</li> <li>• (RJ45) 1 x VGA port</li> <li>• 1 x COM port</li> </ul>

Specifications	
Switch/LED	<p>Front:</p> <ul style="list-style-type: none"> <li>• 1 x Power Button/LED</li> <li>• 1x Location Button/LED</li> <li>• 1 x Message LED</li> <li>• 2 x LAN LED</li> </ul> <p>Rear:</p> <ul style="list-style-type: none"> <li>• 1 x Port80 LED (Q-Code)</li> <li>• 1 x Power Switch w/LED</li> <li>• 1 x Location Switch w/LED</li> <li>• 1 x Message LED</li> </ul>
Management Solution	<ul style="list-style-type: none"> <li>• Software: AMAX Control Center (in-band)</li> <li>• Out of Band Remote Management: AB11-iKVM (BMC AST2600)</li> </ul>
Power Supply (following different configuration by region)	<ul style="list-style-type: none"> <li>• 1+1 Redundant 1200W /1600W 80 PLUS Platinum Power Supply</li> <li>• 1+1 Redundant 1600W 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 ~ 70°C</li> <li>• Non operation humidity: 20% ~ 90% ( Non condensing)</li> </ul>
Dimension	<ul style="list-style-type: none"> <li>• 842.5mm x 449mm x 43.85mm(1U)</li> <li>• 33.15" x 17.68" x 1.73"</li> </ul>

