

# ServMax® A-2224T

## 2U DP AMD EPYC™ CPU server



### Features

- Powered by dual AMD EPYC™ 9005 processors, with DDR5 RDIMM up to 6000MHz 1DPC
- CPU maximum TDP up to 400W
- GPU-optimized design allows three dual-slot GPU for AI workloads and high performance computing (HPC).
- Up to 10 expansion Gen5 slots

### Specifications

|                   |                                                                                                                                                                                                                                                                    |
|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Dimensions        | 449mm x 88mm x 830mm (2U)<br>17.68" x 3.5" x 32.7"                                                                                                                                                                                                                 |
| Processor Support | Supports AMD EPYC™ 9005 processors<br>Dual processors, TDP up to 400W                                                                                                                                                                                              |
| Core Logic        | Integrated I/O – No Chipset                                                                                                                                                                                                                                        |
| Memory            | 12-Channel DDR5 RDIMM, 24 x DIMMs<br>Up to 6000MHz (1DPC)<br>Capacity: Maximum up to 3TB<br>Memory Sizes: 128GB, 96GB, 64GB                                                                                                                                        |
| Expansion Slots   | Up to 10 PCIe slots (PCI / PCI-X / PCIe / PIKE)<br>6 x Gen5 x8 or 3 x FHFL x16 (Gen5 x16)<br>2 x FHHL x16 (Gen5 x16)<br>2 x OCP 3.0 slots                                                                                                                          |
| Storage           | Hot swap: 12 x 2.5"/3.5"<br>Configuration #1: 12NVMe<br>Configuration #2: 8NVME/SATA/SAS* + 4SATA/SAS*<br>*HBA/ RAID card is required to support SAS hard drives                                                                                                   |
| Disk Controller   | SATA Controller: 2 x DIMM.2 Gen3 x4 (22110 / 2280 / 2260)<br>Optional kits:<br>• Broadcom HBA CARD 9500-16I<br>• Broadcom Mega RAID CARD 95XX series<br>SAS Controller:<br>Optional kits:<br>• Broadcom HBA CARD 9500-16I<br>• Broadcom Mega RAID CARD 95XX series |
| Networking        | 1 x Management Port                                                                                                                                                                                                                                                |
| Graphics          | ASPEED AST2600 64MB                                                                                                                                                                                                                                                |
| I/O Ports         | Front:<br>• 2 x USB 3.2 Gen1<br>Rear:<br>• 2 x USB 3.2 Gen1<br>• 1 x Mini-DP<br>• 1 x RJ45 Mgmt. LAN<br>• 1 x Debug                                                                                                                                                |

| Specifications                                                              |                                                                                                                                                                                                                                                                                               |
|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Switch/LED                                                                  | Front: <ul style="list-style-type: none"> <li>• 1 x Power switch / LED</li> <li>• 1 x Location switch / LED</li> <li>• 1 x Reset switch</li> <li>• 1 x Message LED</li> </ul> Rear: <ul style="list-style-type: none"> <li>• 1 x Power switch</li> <li>• 1 x Location switch / LED</li> </ul> |
| Management Solution                                                         | Software: AMAX Control Center (Classic)<br>Out of Band Remote Management: On-Board AB12-iKVM for KVM-over-IP                                                                                                                                                                                  |
| Power Supply                                                                | 1+1 3200W/2700W 80 PLUS Titanium redundant power supplies                                                                                                                                                                                                                                     |
| Operating Environment                                                       | Operating temperature: 10°C ~ 35°C<br>Non-operating temperature: -40°C ~ 70°C<br>Non-operating humidity: 20% ~ 90% (non-condensing)                                                                                                                                                           |
| Operating Properties                                                        | Operation temperature: 10°C ~ 35°C<br>Non-operation temperature: -40°C ~ 70°C<br>Non-operation humidity: 20% ~ 90% ( Non condensing)                                                                                                                                                          |
| Power Supply<br><small>*Following different configuration by region</small> | 1+1 Redundant 2600W 80 PLUS Titanium CRPS-R Power Supply                                                                                                                                                                                                                                      |
| Environment                                                                 | Operation temperature: 10° ~ 35°<br>Non operation temperature: -40° ~ 70°<br>Non operation humidity: 20% ~ 90% ( Non condensing)                                                                                                                                                              |
| PCIe Expansion Slots                                                        | 4 x FHHL x16 (Gen5 x16), from PEX89048<br>8 x FHHL x16 (Gen5 x16), from PEX89104<br><small>* The ambient temperature is limited to 30°C when NVIDIA BlueField® -3 DPUs/SuperNIC™ are installed.</small>                                                                                       |