

# ServMax® X-22200B

## 2U 2-Node 1-Socket Intel® Xeon® 6 Series Processors Compute/GPU Multi-Node Server



### Features

- Supports 2 x Intel® Xeon® 6700E/6700P/6500P processors
- Offers two different Node design: Compute Node and GPU Node
- Provides flexible node combination to meet various workload demand
- Tool-less design for drive trays, Fan module, PSU
- Big Thumb Screw for easily detaching MB from sled

### Applications

- Compute-intensive
- AI workloads
- Scale out workloads

Specifications	
Form Factor	<ul style="list-style-type: none"> <li>• 2U 2-Node</li> </ul>
Processor	<ul style="list-style-type: none"> <li>• Number of Processors: 1</li> <li>• Processor Type: Intel® Xeon® 6 6700E/6700P/6500P Processors</li> <li>• Max. TDP Support               <ul style="list-style-type: none"> <li>- Up to 350W w/ 2U heatsink</li> <li>- Up to 205W w/ 1U heatsink</li> </ul> </li> </ul>
GPU	<ul style="list-style-type: none"> <li>• 1 x Dual-Slot PCIe GPU (up to 350W)</li> </ul>
Memory	<ul style="list-style-type: none"> <li>• Total Slots: 16</li> <li>• Memory Type:               <ul style="list-style-type: none"> <li>- 1DPC: DDR5 RDIMM up to 6400 MT/s</li> <li>- 2DPC: DDR5 RDIMM up to 5200 MT/s</li> </ul> </li> <li>• DIMM Capacity (GB per DIMM): 32GB, 64GB, 128GB</li> </ul>
Expansion Slots	<ul style="list-style-type: none"> <li>• SKU -#1 GPU Node SKU:               <ul style="list-style-type: none"> <li>- 2 x PCIe5.0 x16</li> <li>- 1 x OCP3.0 NIC</li> </ul> </li> <li>• SKU -#2 Compute Node SKU:               <ul style="list-style-type: none"> <li>- 1 x OCP3.0 NIC</li> </ul> </li> </ul>
Storage Bays	<ul style="list-style-type: none"> <li>• SKU -#1 GPU Node SKU:               <ul style="list-style-type: none"> <li>- 4 x E.1S SSD</li> </ul> </li> <li>• SKU -#2 Compute Node SKU:               <ul style="list-style-type: none"> <li>- 8 x E.1S SSD</li> </ul> </li> </ul>
Onboard Storage	<ul style="list-style-type: none"> <li>• 2 x M.2 SSD 2280/22110</li> </ul>
Security	<ul style="list-style-type: none"> <li>• 1 x TPM 2.0</li> <li>• 1 x PROT (Platform Root Of Trust), PFR4.0 complied</li> </ul>
Networking Interface	<ul style="list-style-type: none"> <li>• 1 x NIC installed in OCP 3.0 slot</li> </ul>
Management	<ul style="list-style-type: none"> <li>• Aspeed® AST2600 management controller</li> </ul>

Specifications	
Front I/O Ports	<ul style="list-style-type: none"> <li>• 1 x IPMI RJ-45</li> <li>• 1 x USB 3.2 Gen 1x1 port w/o USB2.0 support, the Speed is 5Gbps</li> <li>• 1 x USB 2.0 port</li> <li>• 1 x Type-C-USB (UART)</li> <li>• 1 x mini-DP</li> <li>• 1 x Power button/LED, Power on with Green color and Power off with Amber color</li> <li>• 1 x BMC Status LED with Amber color LED</li> <li>• 1 x UID button with Blue color LED</li> </ul>
Rear I/O Ports	<ul style="list-style-type: none"> <li>• 1 x Status LED</li> </ul>
OS Support	<ul style="list-style-type: none"> <li>• RedHat RHEL 9.1 or later</li> <li>• Ubuntu 22.04.2 LTS or later</li> <li>• Windows Server 2022</li> </ul>
Power Supply	<ul style="list-style-type: none"> <li>• 1+1 2400W CRPS</li> </ul>
Fans	<ul style="list-style-type: none"> <li>• 4 x 8056 Fans</li> </ul>
Operating Environment	<ul style="list-style-type: none"> <li>• Ambient operating temperature range: 10°C to +35 °C</li> <li>• Ambient Non-operating temperature: -40°C to +70 °C</li> <li>• Operating relative humidity: 10% to 80%, noncondensing</li> <li>• Non-operating relative humidity: up to 90%, noncondensing</li> </ul>
Chassis Dimension (W x H x D)	<ul style="list-style-type: none"> <li>• 17.6" x 3.4" x 31.5" / 447mm x 86.8mm x 800mm</li> </ul>

