

# ServMax® X-2488BLC

## 2U 4-Node DP Intel® Xeon® 6+ DLC server



### Features

- Direct liquid cooling solution with leak detection
- 2U 4-node rear access server system
- Dual Intel® Xeon® 6900E+/6900-Series Processors per node
- 12-Channel DDR5 RDIMM/MRDIMM per CPU with 24 x DIMMs per node
- 8 x 1 Gb/s LAN ports via Intel® I350-AM2
- 8 x 2.5" Gen5 NVMe/SATA/SAS-4 hot-swap bays
- 4 x LP PCIe x16 slots with Gen5 x16 lanes
- 4 x LP PCIe x16 slots with Gen5 x16 lanes (optional)
- Dual 3600 W 80 PLUS Titanium redundant power supplies

### Applications

- High-Performance computing
- High converged server
- Hybrid/Private cloud servers

### Specifications

<b>Dimensions</b>	447mm x 86.8mm x 895mm (2U 4-Node - Rear access) 17.6" x 3.4" x 35.2"
<b>Processor Support</b>	Per Node: Intel® Xeon® 6+ Processors: Intel® Xeon® 6900E+ Processor Intel® Xeon® 6 Processors: Intel® Xeon® 6900-Series Processors Dual processors with liquid cool, up to 500 W
<b>Socket</b>	8 x LGA 7529 (Socket BR)
<b>Core Logic</b>	System on Chip
<b>Memory</b>	Per Node: 12-Channel DDR5 RDIMM/MRDIMM, 96 x DIMMs Intel Xeon 6900E+: [RDIMM] Up to 8000 MT/s Intel Xeon 6900-series: • [RDIMM] Up to 6400 MT/s • [MRDIMM] Up to 8800 MT/s <sup>[1]</sup> <sup>[1]</sup> MRDIMMs are supported only on select Intel® Xeon® 6 processors with P-cores.
<b>Expansion Slots</b>	4 x LP x16 (Gen5 x16) 4 x Optional LP x16 (Gen5 x16)
<b>Storage</b>	Front hot-swap: 8 x 2.5" Gen5 NVMe/SATA/SAS-4 <sup>[1]</sup> <sup>[1]</sup> Storage card is required to support SATA and SAS drives.
<b>Networking</b>	4 x 10/100/1000 Mb/s Management LAN
<b>Graphics</b>	Integrated in ASPEED® AST2600 x 4 • 4 x Mini-DP

**Specifications**

<p><b>I/O Ports</b></p>	<p>Per Node:</p> <p>Front:</p> <ul style="list-style-type: none"> <li>• 1 x CMC status LED</li> <li>• 1 x CMC reset button</li> </ul> <p>Rear:</p> <ul style="list-style-type: none"> <li>• 8 x USB 3.2 Gen1</li> <li>• 4 x Mini-DP</li> <li>• 8 x RJ45</li> <li>• 4 x MLAN</li> </ul>
<p><b>Power Supply</b></p>	<p>Dual 3600 W 80 PLUS Titanium redundant power supplies            AC Input: 200-240V            *The system power supply requires SDG400 power cord</p>
<p><b>Power Supply</b></p>	<p>4 x 80x80x38mm System Fans</p>
<p><b>Operating Environment</b></p>	<p>Operating temperature: 10°C to 35°C            Operating humidity: 8% to 80% (non-condensing)            Non-operating temperature: -40°C to 60°C            Non-operating humidity: 20% to 95% (non-condensing)            *To ensure system stability and prevent condensation, when the relative humidity exceeds 50%, the coolant inlet temperature must be higher than the dry-bulb temperature and it should not exceed 45°C.</p>

