

# ServMax® X-1212BLC

## 1U DP Intel® Xeon® 6+ DLC server



### Features

- Direct liquid cooling solution
- Dual Intel® Xeon® 6900E+/6900-Series Processors
- 12-Channel DDR5 RDIMM/MRDIMM per CPU with 24 x DIMMs
- 2 x 1 Gb/s LAN ports via Intel® I350-AM2
- 12 x 2.5" Gen5 NVMe/SATA/SAS-4 hot-swap bays
- 3 x M.2 slots with PCIe Gen5 x4 and x2
- 1 x FHHL PCIe x16 slot with Gen5 x16 lanes
- 2 x OCP NIC 3.0 PCIe Gen5 x16 slots
- 1+1 2000 W 80 PLUS Titanium redundant power supplies

### Applications

- Networks server
- Hybrid/Private cloud server

Specifications	
<b>Dimensions</b>	438mm x 43.5mm x 815mm (1U) 17.2" x 1.7" x 32.1"
<b>Processor Support</b>	Intel® Xeon® 6+ Processors <ul style="list-style-type: none"> <li>• Intel® Xeon® 6900E+ Processor</li> </ul> Intel® Xeon® 6 Processors <ul style="list-style-type: none"> <li>• Intel® Xeon® 6900-Series Processors</li> </ul> Dual processor, TDP up to 500W
<b>Socket</b>	2 x LGA 7529 (Socket BR)
<b>Core Logic</b>	System on Chip
<b>Memory</b>	12-Channel DDR5 RDIMM/MRDIMM, 24 x DIMMs Intel Xeon 6900E+: <ul style="list-style-type: none"> <li>• [RDIMM] Up to 8000 MT/s</li> </ul> Intel Xeon 6900-series: <ul style="list-style-type: none"> <li>• [RDIMM] Up to 6400 MT/s</li> <li>• [MRDIMM] Up to 8800 MT/s <sup>[1]</sup></li> </ul> <sup>[1]</sup> MRDIMMs are supported only on select Intel® Xeon® 6 processors with P-cores.
<b>Expansion Slots</b>	1 x FHHL x16 (Gen5 x16) 2 x OCP NIC 3.0 (Gen5 x16), Support NCSI
<b>Storage</b>	Front hot-swap: <ul style="list-style-type: none"> <li>• 12 x 2.5" Gen5 NVMe/SATA/SAS-4 <sup>[1]</sup></li> </ul> Internal M.2: <ul style="list-style-type: none"> <li>• 2 x M.2 (2280/22110), PCIe Gen5 x4</li> <li>• 1 x M.2 (2280), PCIe Gen5 x2</li> </ul> <sup>[1]</sup> Storage card is required to support SATA and SAS drives.
<b>Networking</b>	2 x 1 Gb/s LAN (1 x Intel® I350-AM2), Support NCSI
<b>Graphics</b>	Integrated in ASPEED® AST2600 <ul style="list-style-type: none"> <li>• 1 x Mini-DP</li> </ul>

**Specifications****I/O Ports****Front:**

- 1 x USB 3.2 Gen1

**Rear:**

- 2 x USB 3.2 Gen1
- 1 x Mini-DP
- 2 x RJ45
- 1 x MLAN

**Power Supply**

1+1 2000 W 80 PLUS Titanium redundant power supplies  
AC Input: 100-240V

**Cooling**

8 x 40x40x56mm System Fans

**Operating Environment**

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)

