ServMax® X-1244BLC

1U 2-Node DP Intel® Xeon® 6+ DLC server

Features

- Direct liquid cooling solution with leak detection
- 1U 2-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
- 4 x 1 Gb/s LAN ports via Intel® I350-AM2
- 4 x 2.5" Gen5 NVMe/SATA/SAS-4 hot-swap bays
- 2 x LP PCIe x16 slots with Gen5 x16 lanes
- 2 x LP PCIe x16 slots with Gen5 x16 lanes (optional)
- 1+1 3200 W 80 PLUS Titanium redundant power supplies

Applications

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

Specifications	
Dimensions	440mm x 43.4mm x 856mm (1U 2-Node - Rear Access) 17.3" x 1.71" x 33.7"
Processor Support	Intel® Xeon® 6+ Processors: Intel® Xeon® 6900E+ Processor Intel® Xeon® 6 Processors: Intel® Xeon® 6900-Series Processors [DLC] Dual processors per node, TDP up to 500 W
Socket	4 x LGA 7529 (Socket BR)
Chipset	System on Chip
Memory	12-Channel DDR5 RDIMM/MRDIMM, 48 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 [1] [1] MRDIMMs are supported only on select Intel® Xeon® 6 processors with P-cores.
Expansion Slots	2 x LP x16 (Gen5 x16) 2 x Optional LP x16 (Gen5 x16) [1] [1] Enabling the slots requires specific cold plate loops and tubes relocation.
Storage	Front hot-swap: 4 x 2.5" Gen5 NVMe/SATA/SAS-4 [1] [1] Optional cables and additional SAS cards are required to enable SATA and SAS drives.
Networking	4 x 1 Gb/s LAN (2 x Intel® I350-AM2), Support NCSI
Graphics	Integrated in ASPEED® AST2600 x 2 • 2 x Mini-DP

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Specifications	
I/O Ports	Front: • 2 x MLAN Rear: • 4 x USB 3.2 Gen1 • 2 x Mini-DP • 4 x RJ45 • 2 x MLAN
Power Supply	1+1 3200 W 80 PLUS Titanium redundant power supplies AC Input: 100-240V *The system power supply requires C19 power cord
Cooling	6 x 40x40x28mm System Fans
Operating Properties	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.

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