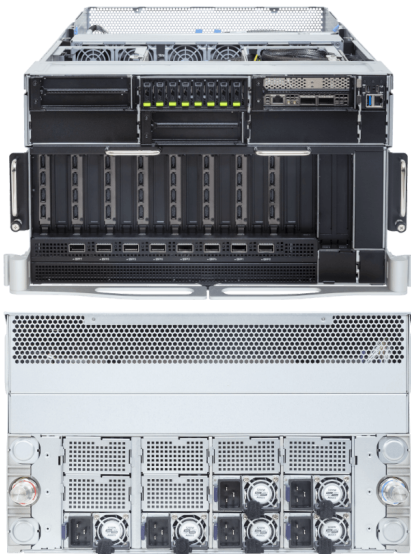


XLS4-SX2-LAS1

NVIDIA RTX PRO™ Server -
6U DP 8 x NVIDIA RTX PRO™ 6000 Blackwell Server Edition GPUs DLC



Key Features

- [DLC] NVIDIA RTX PRO™ Server with ConnectX® -8 SuperNIC™ switch
- [DLC] 8 x NVIDIA RTX PRO™ 6000 Blackwell Server Edition GPUs
- 1 x NVIDIA BlueField® -3 DPU
- Onboard 400 Gb/s NVIDIA InfiniBand Ethernet QSFP ports with PCIe Gen6 switching for peak GPU-to-GPU performance
- [DLC] Dual Intel® Xeon® 6700/6500-Series processors
- [DLC] 8-Channel DDR5 RDIMM/MRDIMM, 32 x DIMMs
- 8 x E1.S Gen5 NVMe hot-swap bays
- 2 x M.2 slots with PCIe Gen5 x4
- 2 x FHFL PCIe x16 slots with Gen5 x16 lanes
- 6 x 3200 W 80 PLUS Titanium redundant power supplies

Specification

Dimensions	6U (W438 x H264 x D805 mm)	PCIe Expansion Slots	[DLC] 8 x NVIDIA RTX PRO™ 6000 Blackwell Server Edition GPUs 1 x NVIDIA BlueField® -3 DPU 2 x FHFL x16 (Gen5 x16)
Motherboard	MSX4-MG2	I/O Ports	Front: 8 x QSFP ports, 1 x USB 3.2 Gen1, 1 x Mini-DP, 1 x MLAN
CPU	Intel® Xeon® 6 processors - Intel® Xeon® 6700-Series processors - Intel® Xeon® 6500-Series processors [DLC] Dual processors, TDP up to 350 W	TPM	1 x TPM header (SPI), Optional TPM 2.0 kit: CTM012
Socket	2 x LGA 4710 (Socket E2)	Power Supply	6 x 3200 W 80 PLUS Titanium redundant power supplies AC Input: 100-240 V *The system power supply requires C19 power cord.
Chipset	System on Chip	System Fans	6 x 60x60x56mm
Memory	[DLC] 8-Channel DDR5 RDIMM/MRDIMM, 32 x DIMMs [RDIMM] Up to 6400 MT/s (1DPC), 6000 MT/s (2DPC) [MRDIMM] Up to 8000 MT/s [1] [1] MRDIMMs are supported only on select Intel® Xeon® 6 processors with P-cores and only in a 1DPC configuration.	Operating Properties	Operating: 10°C to 35°C, 8% to 80% (non-condensing) Non-operating: -40°C to 60°C, 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.
LAN	8 x QSFP ports (400 Gb/s InfiniBand/Ethernet, for GPU networking) 1 x 10/100/1000 Mb/s Management LAN	Packaging Content	1 x XLS4-SX2-LAS1 4 x CPU carriers 1 x 3-Section Rail kit
Video	Integrated in ASPEED® AST2600 - 1 x Mini-DP	Ordering Part Numbers	6NXLS4SX2DR000LAS1*
Storage	Front hot-swap: 8 x E1.S Gen5 NVMe Internal M.2: 2 x M.2 (2280/22110), PCIe Gen5 x4		

