

ServMax® X-2224B

2U Dual Socket Intel® Xeon 6500P/6700E/6700P Processors Server



Features

- Equipped with 2 x Intel® Xeon® 6700-series with E-cores, Intel® Xeon® 6500, 6700 series processors with P-Cores
- High Memory (up to 32 x DIMM DDR5) and I/O for IaaS
- 8 x 2.5" SATA/SAS SSD/HDD + 16 x 2.5" U.2 NVMe SSD with 2 x FHFL "dual-slot" GPU card for AI Deep Learning
- Rich PCIe Expansions
- OCP3.0 Ready
- Built-in Hardware Security

Applications

- Storage
- Database
- Cloud-compute
- Web Server

Specifications	
Form Factor	• 2U
Number of Processors	• 2
Processor Type	• Intel® Xeon® 6700 Series with E-cores • Intel® Xeon® 6500, 6700 series processors with P-Cores
Max. TDP Support	• 350W
GPU	• 2 x Dual-Slot PCIe GPUs (up to 350W)
Total Memory Slots	• 32
Memory Type	• 1DPC: DDR5 RDIMM up to 6400 MT/s • 2DPC: DDR5 RDIMM up to 5200 MT/s
DIMM Capacity (GB per DIMM)	• 32GB, 64GB, 128GB
Expansion Slots	• 1 x OCP3.0 NIC • 2 x PCIe5.0 x16, FHFL • 2 x PCIe5.0 x8, FHFL • 2 x PCIe5.0 x8, HHHH
Storage Bays	• SKU -#1: 12 x 3.5" HDD bays • SKU -#2: 16 x 2.5" U.2 SSD + 8 x 2.5" HDD/SSD bays
Onboard Storage	• 2 x M.2 SSD 2280/22110 bays
Management	• Aspeed® AST2600 management controller
Security	• 1x TPM 2.0 • 1 X PFR (Platform Firmware Resilience) 4.0 (Optional)
Networking Interface	• 1 x OCP 3.0 NIC • 1 x RJ45 dedicated IPMI Lan • 1 x RJ45 1GbE
Front I/O Ports	• 2 x USB 2.0 • 1 x VGA • 1 x Power button • 1 x ID button

Specifications	
Rear I/O Ports	• 2 x USB 3.2 Gen1 • 1 x VGA
OS Support	• RedHat RHEL 9.1 or later • Ubuntu 22.04.2 LTS or later • Windows Server 2022 • VMware vSphere 8.0
Power Supply	• 1+1 2000W/2400W CRPS
Operating Environment	• Ambient operating temperature range: 5°C to +35 °C • Ambient Non-operating temperature: -40°C to +68 °C • Operating relative humidity: 10% to 90%, noncondensing • Non-operating relative humidity: up to 93%, noncondensing
Dimensions	• 438mm (W) x 87mm (H) x 770.2mm (D) / 17.2" (W) x 3.4" (H) x 30.3" (D)

