

ServMax® X-248E

Scalable, High Performance 2U Server



Features

- Powered by dual-socket 4th/5th Gen
- Intel Scalable processors.
- CPU maximum TDP of up to 350W with 32 DIMMs and support.
- GPU-optimized design allows four dual-slot GPU for AI workloads and high performance computing(HPC).
- Up to 24 all-flash NVMe.

Applications

- High performance computing (HPC).
- AI Forecast of Utilization workload.
- Terabyte-scale data warehousing
- Virtualization applications

Specifications	
Processor Support	<ul style="list-style-type: none"> • 2 x Socket E (LGA 4677) • 4th Gen Intel® Xeon® Scalable Processors Family(350w) • 5th Gen Intel® Xeon® Scalable Processors Family(350w)
Generation	<ul style="list-style-type: none"> • 4th/5th
Disk Controller	<ul style="list-style-type: none"> • SATA Controller: <ul style="list-style-type: none"> - 12 x SATA 6Gb/s ports - 2 x M.2 connector (SATA 6Gb/s & PCI-E Gen4 x8 link) • SAS Controller: Optional kits: <ul style="list-style-type: none"> - Broadcom HBA CARD 9500-8i - Broadcom MegaRAID 9540-8i -Broadcom MegaRAID 9560-16i - 12G SAS Support
Memory	<ul style="list-style-type: none"> • 64GB, 32GB, 16GB RDIMM • 256GB, 128GB RDIMM 3DS
Expansion Slots	<ul style="list-style-type: none"> • Up to 4 slots • 2 x PCIe G5 x8 link or 1 x PCIe G5 x16 link (FHFL or FHHL) • 1 x OCP 3.0 • 1 x PCIe G5 x16, LP
Networking	<ul style="list-style-type: none"> • 4 x1Gbe(Intel I350-AM4) RJ45 port or • 2 x 10Gbe(Intel X710-AT2) RJ45 port
Storage	<ul style="list-style-type: none"> • 24 x 2.5" hot-swap bay • 12x NVMe + 12x SATA/SAS* or 12x NVMe + 12x NVMe/SATA/SAS* • (*HBA/RAID card is required to support SAS hard drives) EDIT
Drive Bays	<ul style="list-style-type: none"> • 24 x 2.5" hot-swap bay • 2 x M.2 slot

Specifications (continued)	
System Fans	<ul style="list-style-type: none"> • 4
Graphic	<ul style="list-style-type: none"> • Aspeed AST2600 64MB
Front I/O Ports	<ul style="list-style-type: none"> • 2 x USB 3.2 Gen1 ports
Rear I/O Ports	<ul style="list-style-type: none"> • 2 x USB 3.2 Gen1 ports • 1 x VGA port • 1 x RJ-45 Management LAN port • 2 x 10G or 4 x 1G RJ-45 GbE LAN port (optional)
Switch/LED	<ul style="list-style-type: none"> • Front Switch/LED: • 1 x Power Switch (w/ LED) • 1 x Location Switch (w/ LED)
Form Factor	<ul style="list-style-type: none"> • 2U
Power Supply	<ul style="list-style-type: none"> • 1+1 Redundant AC: 2600W/1600W 80 PLUS Titanium/ Platinum Power Supply
OS Support	<ul style="list-style-type: none"> • Windows® Server 2019/2022 64bit • RedHat® Enterprise Linux, SuSE® Linux Enterprise Server • CentOS, Ubuntu, Vmware
Environment	<ul style="list-style-type: none"> • Operation temperature: 10°C ~ 35°C • Non operation temperature: -40°C ~ 60°C • Non operation humidity: 20% ~ 90% (Non condensing)
Weight	<ul style="list-style-type: none"> • 36 kg
Dimensions	<ul style="list-style-type: none"> • 840mm x 447mm x 88mm

