

Vantage 2530-TG

Flexible, Scalable, and Secure



3rd Generation Intel® Xeon® Scalable Processors Dual processor, 10nm technology TDP up to 270W

Key Features

1. Dual 3rd Gen Intel® Xeon® Scalable Processors
2. 8-Channel RDIMM/LRDIMM DDR4, 16 x DIMMs
3. Supports Intel® Optane™ Persistent Memory 200 series
4. 2 x 10Gb/s BASE-T LAN ports via Intel® X710-AT2
5. 2 x 1Gb/s LAN ports via Intel® I210-AT
6. 3 x SlimSAS connectors for 12 x SATA 6Gb/s
7. 2 x SATA 6Gb/s ports
8. 2 x M.2 slots with PCIe Gen4 x4 interface
9. 6 x PCIe Gen4 x16 expansion slots

Vantageo 2530-TG	
Features	Technical Specification
Form Factor	E-ATX 305W x 330D mm
CPU	3rd Generation Intel® Xeon® Scalable Processors Dual processor, 10nm technology TDP up to 270W
Socket	2 x LGA 4189 Socket P+
Chipset	Intel® C621A
Memory	16 x DIMM slots DDR4 memory supported only 8-channel memory architecture RDIMM up to 128GB supported LRDIMM up to 128GB supported 3DS RDIMM/LRDIMM up to 256GB supported Memory speed: 3200/2933/2666 MT/s
LAN	2 x 10Gb/s BASE-T LAN ports (Intel® X710-AT2) 2 x 1Gb/s LAN ports (Intel® I210-AT) Support NCSI function (by switch) 1 x 10/100/1000 Mbps Management LAN
Video	Integrated in Aspeed® AST2600 2D Video Graphic Adapter with PCIe bus interface 1920x1200@60Hz 32bpp
Storage Interface	PCH: - 3 x SlimSAS connectors for 12 x SATA 6Gb/s - 2 x SATA 6Gb/s ports
RAID	Intel® SATA RAID 0/1/10/5
Expansion Slots	Slot_6: PCIe x16 (Gen4 x16) slot, from CPU_0 Slot_5: PCIe x16 (Gen4 x16) slot, from CPU_1 Slot_4: PCIe x16 (Gen4 x16) slot, from CPU_1 Slot_3: PCIe x16 (Gen4 x16) slot, from CPU_0 Slot_2: PCIe x16 (Gen4 x16) slot, from CPU_0 Slot_1: PCIe x16 (Gen4 x16) slot, from CPU_1 2 x M.2 slots: - M-key - PCIe Gen4 x4, from CPU_0 - Support 2280/22110 cards
Internal I/O	1 x 24-pin ATX main power connector 2 x 8-pin ATX 12V power connectors 1 x 6-pin ATX 12V power connector for PCIe slots 2 x CPU fan headers 5 x System fan headers 1 x USB 3.2 Gen1 x2 header 2 x M.2 slots 3 x SlimSAS connectors 2 x SATA connectors 1 x VROC connector 1 x Front panel header 1 x Backplane board header 1 x PMBus header 1 x IPMB header 1 x TPM header
Rear I/O	2 x USB 3.2 Gen1 1 x VGA 1 x RJ45 serial port 4 x RJ45 1 x MLAN 1 x ID button with LED

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Features	Technical Specification
TPM	1 x TPM header with SPI interface Optional TPM2.0 kit: CTM010
OS Supported	Windows Server 2016 Windows Server 2019 (x64) Windows Server 2022 (x64) Red Hat Enterprise Linux 7.9 or later Red Hat Enterprise Linux 8.2 or later Red Hat Enterprise Linux 9.0 or later SUSE Linux Enterprise Server 12 SP5 or later SUSE Linux Enterprise Server 15 SP2 or later Ubuntu 20.04 LTS or later Ubuntu 22.04 LTS or later VMware ESXi 6.7 Update3 P03 or later VMware ESXi 7.0 Update2 or later VMware ESXi 8.0 or later Citrix Hypervisor 8.2.0 or later
Board Management	Aspeed® AST2600 management controller GIGABYTE Management Console (AMI MegaRAC SP-X) web interface • Dashboard • HTML5 KVM • Sensor Monitor (Voltage, RPM, Temperature, CPU Status ...etc.) • Sensor Reading History Data • FRU Information • SEL Log in Linear Storage / Circular Storage Policy • Hardware Inventory • Fan Profile • System Firewall • Power Consumption • Power Control • Advanced power capping • LDAP / AD / RADIUS Support • Backup & Restore Configuration • Remote BIOS/BMC/CPLD Update • Event Log Filter • User Management • Media Redirection Settings • PAM Order Settings • SSL Settings • SMTP Settings
PSU Connectors	1 x 24-pin ATX main power connector 2 x 8-pin ATX 12V power connectors 1 x 6-pin ATX 12V power connector
Operating Properties	Operating temperature: 10°C to 40°C Operating humidity: 8-80% (non-condensing) Non-operating temperature: -40°C to 60°C Non-operating humidity: 20%-95% (non-condensing)
Retail Packaging Content	1 x MD72-HB2 1 x I/O shield 1 x Quick start guide 1 x SlimSAS to 4 x SATA 6Gb/s cable (600mm) Single Box dimensions: 409 x 355 x 78 mm Carton dimensions: 729 x 415 x 432 mm Quantity: 10 x single boxes in one carton

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Features	Technical Specification
Type	Tower, Rack Convertible
Mother Board Form Factor	Ext. ATX 12" * 13"
Dimension (D*W*H)	580 * 200 * 445 mm
Carton Size (D*W*H)	740 * 325 * 565 mm
Expansion Slots	8 (Can house 4 * double width GPU)
Drive Bays	Ext. 5.25" Int. 3.5" Int. 2.5"Upto 9 Upto 6 4
Cooling Fans	Standard 2 * 12 cm fan Optional 1 * 12 cm (Normal & High speed), 2 * 8 cm Ext. Rear Cooling Kit for GPU
Front I/O Ports	2 * USB 3.0 / 2.0
Color	Black
Compatible SMPS	FSP500-60GHC ESP700-80PSA ESP850-50AGGA HPT2-1200M ESP-2000-52AGPB1 ESP550-50ERS FSP800-50FS FSP1200-50FS GW-CPRS1600D GW-CPRS2000D
Compatible Hotswap Modules	N-49SS SS-46TM N-36TM N-46TM N-56TM
Net Weight	12 KG
Special Features	Rack convertible Intrusion Switch

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