

Vantage 2230

Flexible, Scalable, and Secure



2U Dual Socket Intel Icelake-SP server platform with twenty four 2.5" drive bays. Featuring support for 32 DIMM slots, processors up to 270W, and up to eight PCIe slots. Support for up to 24 U.2 NVMe SSDs.

The Vantage 2230 family is a 2U dual-socket server platform designed for enterprise and data-center environments. These systems are built around 3rd-generation Intel® Xeon® Scalable (Ice Lake) processors and support large memory and flexible storage configurations. They are suited for general-purpose compute, virtualization, large-scale storage, and cloud-infrastructure workloads.

Overview

- Dual 3rd Gen Intel® Xeon® Scalable processors
- 32 DIMMs; 8 channel 2933/3200MHz, RDIMM/LRDIMM/BSP, w/ ECC up to 6TB, Supports Intel® Optane™ DCPMM
- 8 PCIe Add-on Cards (2 GPGPU supported)
- Flexible LAN options: standard PCIe type and OCP 3.0 NIC are supported
- 24 NVMe Hybrid Hot-swap drive bays (w/ 8 SAS/SATA)
- CRPS Redundant PSU 1200W/1600W
- Dual BIOS & BMC

Application

- Cloud Computing Service
- Content Delivery Network
- Network Function Virtualization
- 5G Core and Edge Telecom Micro Data Center
- AI Inference and Machine Learning

Technical details

Form Factor	2U
Dimensions	17.2"W(438mm) x 3.4"H(87mm) x 30.3"D(770mm)
Processor	Dual Socket P+(LGA 4189) 3rd Gen Intel® Xeon® Scalable Processors, up to 40C, TDP 250W (270W is condition)
Chipset	Intel® C621A
Memory	32 x DIMM slots, 8 channel DDR4 2933/3200Mhz RDIMM/LRDIMM/BPS up to 6TB
Drive Bays	24 x 2.5" NVMe Hybrid Hot-swap drive bays (w/ 8 SAS/SATA) 2 x 2.5" SAS/SATA Hybrid drive bays (internal rear option)
Internal Storage	2 x M.2 M-key (2280/22110) 1 x microSD
Expansion Slots	2 x PCIe3.0 Low profile/Half length
Networking	1 x GbE RJ45 Mgmt. port (Realtek® RTL8211E-VB) OCP3.0 Copper or Fiber Mezz.
RAID	SAS/SATA 12Gb/s by LSI3008IR/IMR (MSI MEZ-200a/200b) Intel® VROC7.0 bases on Intel® VMD2.0
Front I/O	1 x Power button 1 x UID button 1 x USB3.0 port 1 x USB2.0 port
Indicators	1 x LED : PWR_SW 1 x LED : UID_SW 1 x LED : Global Alarm (Fan/PWR) 2 x LEDs : NIC Link 1 x LED : HDD
Rear I/O	3 x USB3.0 ports 2 x GbE RJ45 ports (One for Mgmt) 1 x VGA port 1 x Serial RJ45 port 1 x UID LED button (w/ BMC reset function)
Security	TPM 2.0 PFR(optionnal) Case intrusion switch
Server Management	Aspeed AST2600 IPMI2.0 with iKVM
Environment	System Operating Temperature: 0°C ~ 35°C Non-operating Temperature: -20°C ~ 70°C Non-operating Relative Humidity: 5% ~ 85% (non-condensing)
Power Supply	CRPS 800W 1+1 hot-plug redundant PSU
Cooling	2 x Passive CPU heatsink 8 x 40mm x 56mm non Hot-swap fans

Recommended support

24x7 - 4 hours Response, Next Business Day Call to Resolution CTR
24x7 - 4 hours Response, 24 Hours Call to Resolution CTR
24x7 - 4 Hours Response, 6 Hours Call to Resolution CTR
Default support Next Business Day Consulting and deployment offerings are also available. Contact Vantageo representative for the more information.

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