

Vantageo 2230-RA

Flexible, Scalable, and Secure



Vantageo 2230-RA, a 2U 24-bay high-density storage server solution. It supports 3rd Gen Intel® Xeon® Scalable Processors with PCIe 4.0 extension design. It has Front-to-back airflow and hot-swap redundant fans to provide optimal thermal conditions and Onboard Baseboard Management Controller for system management and IPMI control.

1. 2U 24-Bay high density storage server barebone
2. Supports 3rd Gen. Intel® Xeon® Scalable processors (Ice Lake)
3. Intel® C621A Chipset to provide 5+ years product life cycle
4. Onboard Baseboard Management Controller for system management and IPMI control
5. Dedicated BMC management port
6. Front-to-back airflow and hot swap redundant fans to provide optimal thermal conditions

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Features	Technical Specification
Processor	3rd Gen Intel® Xeon® Scalable Processors (Ice Lake) Supports CPU TDP up to 270W *Use over 165W CPU, please contact AIC Technical Support for more info/details about optimized CPUs and specialized system.CPU Interconnection: QPI Speeds 11.2 GT/sSocket Type : Socket P+ (LGA-4189)
Chip Set	Intel® C621A Chipset
Memory	8 x memory channels per CPU, 1 x DIMM per channel 16 x DIMM slots support: DDR4 REG ECC 3200/2933/2666 Intel® Optane™ Persistent Memory 200 (Barlow Pass) support
On-board Devices	SATA / SAS : Intel® C621A PCH on-chip solution 8 x SATA 6.0 Gb/s (by 2 x mini-SAS), 2 x SATA 6.0 Gb/s (by 2 x SATA 7 pin) Optional SAS 3008/3108 modules (on OCP) IPMI : Aspeed AST2500 Advanced PCIe Graphics & Remote Management Processor Baseboard Management Controller, Intelligent Platform Interface 2.0 (IPMI 2.0), iKVM, Media Redirection, IPMI over LAN, Serial over LAN, SMASH Support Network Controllers : Realtek® RTL8211EL single port 1Gbps Ethernet PHYceiver for dedicated BMC port Graphics : Aspeed AST2500 Advanced PCIe Graphics & Remote Management Processor PCIe VGA/2D Controller, 1920x1200@60Hz 32bpp
Front Panel	System power on/off, System ID, System reset, 1x USB 3.0 Type A
Drive Bays	External : 24 x 2.5" SAS/SATA/PCIe Gen4 NVMe or SAS/SATA, 2 x 2.5" SATA hot-swap (7mm, rear) Internal : 2 x M.2(NGFF)/M-Key/2280
LEDs	Power status, System alert, LAN activity, Drive activity, System ID
Expansion Slots (PCIe 5.0)	3 x PCIe X16 slots (HHHL) + 1 x OCP 3.0, 2 x PCIe X8 slots (HHHL)
System BIOS	BIOS Type : AMI UEFI BIOS, SPI (Serial Peripheral Interface), FLASH Interface BIOS Features : ACPI, PXE, WOL, AC loss recovery, PMI 2.0 KCS interface, SMBIOS, Serial console redirection BIOS Boot, BIOS Recovery Mode, SRIOV, iSCSI, TPM, PCIe NTB
Rear I/O	LAN: 1 x GbE RJ45 dedicated to BMC management USB: 2 x USB 3.0 double-stack Type A connectors VGA: 1 x external DB-15 VGA port Serial Port: 1 x external COM port phone jack
Power Supply	1200W 1+1 redundant power supply 80+ Platinum
System Cooling	6 x 60x38mm easy swap fans
System Management	IPMI 2.0, KVM over IP, Media redirection, Temperature, fan, voltage, PSU sensor monitor, System temperature, System ID/System fail indicator, Remote power on/off/reset, SEL message alarm through mail, SNMP support, Intel NM
Gross Weight (w/PSU & Rail)	kgs : 25.4 lbs : 56
Packaging Dimensions (W x D x H)	mm : 605 x 880 x 322, inches : 23.8 x 34.7 x 12.7
Mounting	Standard : 28" tool-less slide rail
operating Environment	Storage temperature : 10°C(14°F) ~ 60°C(140°F) Storage operating humidity : 5%~95% non-condensing Operating temperature : 0°C(32°F) ~ 35°C(95°F)
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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