

Vantageo 2260-RT Server

Flexible, Scalable, and Secure



The Vantageo 2260-RT server is the 6th generation of the Intel Server System, engineered to meet the rigorous demands of modern data centers and enterprises. This 2U dual-socket (2S) Birchstream SP server system offers unparalleled compute, memory, and storage capabilities, making it a powerful choice for data-intensive workloads

Key Features

2U 2-Socket Intel® Xeon® 6 Birchstream HPC/VM Server

- Up to 350W 2 Intel Xeon 6 processors with air cooling
- 32 RDIMM slots w/ DDR5-6400 (1DPC) memory support
- Up to 1 PCIe Gen 5 x16 slot (w/ x8 link in HH/HL) + 2 PCIe Gen 5 x16 slots (FH/HL) + 2 PCIe Gen 5 x16 slots for 2 slots
- 24 NVMe U.2 hot-swap, tool-less drive bays
- 2 NVMe M.2 22110 / 2280 slots
- DC-SCM v2.0
- (1+1) 2000W RPSU, 80+ Titanium

Technical details

Vantageo 2260-RT

Form Factor	2U Rackmount
CPU	Intel Xeon® 6 Processor
Thermal Design Power Wattage	Max up to 350W* (TDP)
Q'ty / Socket Type	(2) LGA4710
Supported DIMM Qty	(16)+(16) DIMM slots
DIMM Type / Speed	RDIMM / RDIMM-3DS DDR5 6400 MHz (1DPC) / 5200MHz (2DPC) / MRDIMM 8000 (1DPC) -P Core only
Capacity	Up to 8192GB RDIMM *Follow latest Intel DDR5 Memory POR
Memory channel	8-Channel DDR5 RDIMM / MRDIMM
Memory voltage	1.1V
Expansion Slots	(1) PCIe Gen 5 x16 slot (w/ x8 link in HH/HL) / (2) PCIe Gen 5 x16 slots (FH/HL) / (2) PCIe Gen 5 x16 slots (2) PCIe Gen.5 x16 OCP 3.0 slots
LAN	(1) GbE dedicated for IPMI
Storage NVMe	(2) 22110/2280 (by PCIe Gen 4 interface) (12) SFF-TA-1016 (MCIO 8x) for (24) front NVMe
Graphic	Mini Display Port Up to 1920x1200 Aspeed AST2600
I/O Port	USB (1) USB3.0 port / (1) USB UART (on DCSCM) DisplayPort (1) Mini Display Port RJ-45 (1) GbE port dedicated for IPMI
System Monitoring	Monitors temperature for CPU & memory & system environment Monitors voltage for CPU, memory, chipset & power supply Over temperature warning indicator / Fan & PSU fail LED indicator
Server Management	Onboard Aspeed AST2600 (on DCSCM module) 24-bit high quality video compression / Supports storage over IP and remote platform-flash / USB 2.0 virtual hub IPMI 2.0 compliant baseboard management controller (BMC) / 10/100/1000 Mb/s MAC interface
BIOS	PXE boot support / Console Redirection / SMBIOS 3.6 / ACPI 6.5 / ACPI sleeping states S0, S5 / UEFI Secure Boot / IPMI Boot / Redfish support / PFR Secure Update / HTTP Boot
Front Panel	Buttons (1) PWR w/ LED / (1) ID w/ LED / (1) RST / (1) NMI LEDs (1) PWR / (1) ID / (1) Drive / (1) System Event I/O Ports (1) USB 2.0 port / (1) USB 3.0 port

External Drive Bay	(24) 2.5" Hot-Swap SSDs	
	(24) SATA 6Gb/s / SAS 24Gb/s / NVMe U.2	
	SAS 24Gb/s /SATA 6Gb/s /NVMe	
System Cooling Configuration	(6) 6056 fans	
Power Supply	Type	RPSU
	Input Range	AC 100-127V/12A / AC 200-240V/ 10A
	Frequency	50/60 Hz
	Output Watts	2,000 Watts
	Efficiency	80 plus Titanium
	Redundancy	1+1
Operating Environment	Operating Temp.	10° C ~ 35° C (50° F~ 95° F)
	Non-operating Temp.	- 40° C ~ 70° C (-40° F ~ 158° F)
	In/Non-operating Humidity	5%~95%, non-condensing
Dimension (D x W x H)	30.31" x 17.24" x 3.43" (770 x 438 x 87mm)	
Net Weight	26.25 kg (57.87 lbs)	

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.

Disclaimer: Technical data is subject to modification and delivery subject to availability. Any liability that the data and illustrations are complete, actual or correct is excluded. Designations may be trademarks and/or copyrights of the respective manufacturer, the use of which by third parties for their own purposes may infringe the rights of such owner.