

Vantage 15R0-WS

Flexible, Scalable, and Secure



14th/13th/12th Gen Intel® Core™ i9/i7/i5/i3 Processors, Single Socket LGA-1700 supported, Up to 150W TDP

Overview

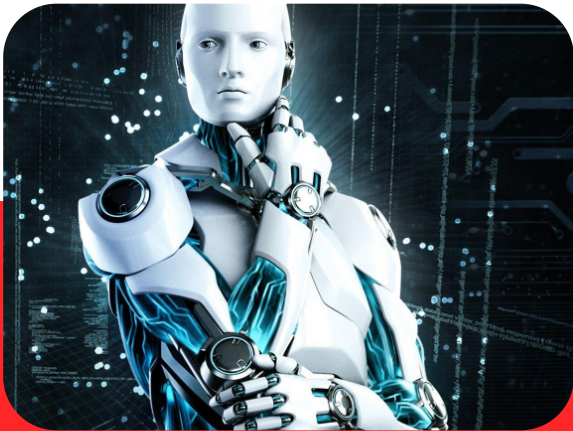
The Vantage 15R0-WS is a workstation motherboard designed to support the latest Intel Xeon processors, particularly those based on the Intel W680 chipset. It is engineered for professional workstations, offering a balance of performance, expandability, and reliability for tasks such as content creation, engineering, and general-purpose professional workloads

Features

- Intel® W680
- 192GB Unbuffered ECC/non-ECC UDIMM, DDR5-4400MT/s, 4 DIMM Slots
- 2 PCIe 5.0 x16 slots (16/NA or 8/8), 2 PCIe 3.0 x4 1 5V PCI 32bit
- M.2 Interface: 3 PCIe 4.0 x4 (RAID 0, 1, 5) M.2 Form Factor: 2280 M.2 Key: M-Key
- Single LAN with Intel® Ethernet i225V Single LAN with Intel® PHY I219LM LAN controller for AMT/vPro
- 8 SATA3 (6 Gb, RAID 0, 1, 5, 10)
- 1 DP 1.4a, 1 HDMI 2.0b, 1 DVI-D

Chipset and CPU Compatibility:

- The Vantage 15R0-WS is based on the Intel W680 chipset.
- Supports Intel Xeon E-series processors (12th and 13th Gen), as well as Intel Core processors with socket LGA 1700.
- supports up to 4 DDR5 DIMM slots.
- Can handle up to 128GB of DDR5 ECC (Error-Correcting Code) memory, which is crucial for maintaining data integrity in critical applications.



Vantage 15R0-WS

• With metallic black aluminum extrusions, stainless steel black mesh with highlighted details, and a transparent smoky gray I/O cover, Pro WS Vantage 15B0-WS presents a professional, low-profile look for content creators.

Vantageo 15R0-WS

Features	Technical Specification		
Processor	14th/13th/12th Gen Intel® Core™ i3/i5/i7/i9 Processors Single Socket LGA-1700 (Socket V0) supported, CPU TDP supports Up to 150W TDP		
Chip Set	Intel® W680		
Memory	4 DIMM slots Up to 192GB Unbuffered ECC/non-ECC UDIMM, DDR5-4400MHz/ 4800MHz UDIMM ECC		
Drive bays	Default: Total 4 bay(s) 4 internal fixed 3.5" SATA drive bay(s) 3 M.2 PCIe 4.0 x4 NVMe slot(s) (M-key 2280) 2 5.25" bay(s)		
Storage NVMe	M.2 Interface: 3 PCIe 4.0 x4, RAID 0, 1, 5		
Power supplies	668W Platinum Level power supply		
Dimensions	Form factor: Mid Tower	Height: 469mm Width: 220mm Length: 490mm Weight: Max. 8.6 kg *Dimensions do not include bezel	
Embedded management	IPMI 2.0 compliant baseboard management controller (BMC)/10/100/1000 Mb/s MAC interface Hardware Monitor/Boot from USB device/PXE via LAN/Storage/Console Redirection/ User Configurable FAN PWM Duty Cycle/SMBIOS 3.0/PnP /Wake on LAN/ACPI 6.1/ACPI sleeping states S4,S5		
Security	Trusted Platform Module (TPM) 2.0 Silicon Root of Trust (RoT) – NIST 800-193 Compliant		
I/O & Ports	2x USB3.0 ports (rear) 1x D-Sub 15-pin VGA port (rear) 2x GbE ports + 1x GbE dedicated for IPMI (1) 2x12-pin SSI front panel header 3x Mini-SAS HD from PCH SATA-III	2x PCI-E Gen 4x8 / 3x PCI-E Gen4x16 NVMe-Connector (M.2) 2x 2210/2280 (by PCI-E interface)	
Supported operating systems	Microsoft Windows Server® VMware® ESXi Red Hat® Enterprise Linux SUSE® Linux Enterprise Server Ubuntu® Server LTS	For specifications and interoperability details, operability details, see Vantageo.com/OSsupport	
operating Environment	Operating Temp. 10°C ~ 35°C (50°F ~ 95°F) Non Operating Temp. -40°C to 60°C (-40°F to 140°F)	In/Non Operating Humidity 5% to 95% (non-condensing)	
Net Weight	7.41 Kg		
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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