



Vantageo 15T1-WS

Flexible, Scalable, and Secure

AMD Ryzen™ Threadripper™ PRO 5000WX/3000WX Series Processor, up to 64 Cores

Key Features

1. Up to 2TB (RDIMM) / 256GB (UDIMM), ECC/Non-ECC, Unbuffered, U-DIMM, R-DIMM, LRDIMM, and 3DS R-DIMM; 3200Mhz in 8 DIMM slots
2. 6 PCI-E 4.0 x16 slots
M.2 Interface: 4 PCI-E 4.0 x4 (Software RAID 0,1,5,10)
M.2 Form Factor: 2280, 22110
M.2 Key: M-key
U.2 Interface: 2 U.2 sockets (Software RAID 0,1)
3. 4 SATA 3.0 6Gbps (Software Raid 0,1,5 & 10)
4. 1x 10GBase-T LAN port,
1 GbE LAN port (shared with IPMI)
5. ASPEED AST2600 BMC graphics
6. 1 USB 3.2 Gen2x2 port (Type C, 20Gbps),
5 USB 3.2 Gen2 ports
(4 type A + 1 front type C header),
5 USB 3.2 Gen1 ports
(3 type A + 2 via header),
2 USB 2.0 ports via header
7. 1 COM port (rear),
TPM 2.0 header,
7.1 Channel HD Audio
8. 10 fan header, 4-pin type fan header,
112V-power header for liquid cooling

Vantageo 15T1-WS		
Features		Technical Specification
Physical Stats		E-ATX
		12" x 13" (30.48cm x 33.02cm)
Processor/Cache	CPU	Single AMD Ryzen™ Threadripper™ PRO 5000WX/3000WX Series Processor Socket sWRX8/SP3 Supports CPU TDP up to 280W
	Cores	Up to 64 Cores
System Memory	Memory Capacity	8 DIMM slots ECC and Non-ECC, buffered and Un-buffered, U-DIMM, R-DIMM, LRDIMM and 3DS R-DIMM Memory RDIMM up to 2TB, UDIMM up to 256GB 8-channel memory bus
	Memory Type	ECC and Non-ECC, buffered and Un-buffered, U-DIMM, R-DIMM, LRDIMM and 3DS R-DIMM Memory DDR4 3200 / 3000 / 2933 / 2800 / 2666 / 2400 / 2133 Mhz
	DIMM Sizes	8GB, 16GB, 32GB, 64GB, 128GB, 256GB
	Memory Voltage	1.2V
	Error Detection	Corrects single-bit errors Detects double-bit errors (using ECC memory)
On-Board Devices		AMD WRX80
		AMD WRX80 controller for 4 SATA3 (6 Gbps)ports, Software RAID 0,1,5,10
	Network Controllers	10G LAN: Single LAN via Marvell AQC113C 10Gb controller 1GbE LAN: Single LAN via via Intel® i210AT controller (shared with IPMI)
	IPMI	Support for Intelligent Platform Management Interface v.2.0 IPMI 2.0 with virtual media over LAN and KVM-over-LAN support ASPEED AST2600 BMC ALC4050H + ALC1220 7.1 Channel HD Audio ASPEED AST2600 BMC VGA connector is dedicated for IPMI
Input / Output		4 SATA3 (6 Gbps) ports
		1 RJ45 10GBase-T LAN port
		1 RJ45 GbE LAN port (shared with IPMI)
	USB	1 USB 3.2 Gen2x2 port (Type C, 20Gbps) 5 USB 3.2 Gen2 ports (4 Type A, 1 Type C header, 10Gbps) 5 USB 3.2 Gen1 ports (3 Type A, 1 via header) 2 USB 2.0 via header 1 VGA port (dedicated for IPMI) 1 COM port (rear) 1 TPM 2.0 header

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Features		Technical Specification		
Expansion Slots	PCI-Express	6 PCI-E 4.0 x16 slots		
	M.2	Interface: 4 PCI-E 4.0 x4 Form factor: 2280, 22110 Key: M-key Software RAID 0,1,5,10 support		
	U.2	Interface: 2 U.2 Sockets Software RAID 0,1 support		
System BIOS	BIOS Type	AMI 256Mb Flash EEPROM		
PC Health Monitoring	CPU	Monitors CPU Core Voltages, +3.3V, +12V, +3.3Vstb, +5Vstb, Vcore, Vmem Supports system management utility		
	FAN	Up to 10 4-pin fan headers Status monitor for speed control		
	Temperature	Monitoring for CPU and chassis environment CPU Thermal Trip Support I²C Temperature Sensing Logic		
	LED	CPU / System Overheat LED		
	Other Features	Chassis Intrusion Detection Chassis Intrusion Header		
Operating Environment / Compliance				
Environmental Specifications		Operating Temperature: 0°C to 50°C (32°F to 122°F) Non-operating Temperature: -5°C to 55°C (23°F to 131°F) FCC class B		
Dimension (D*W*H)		580 * 200 * 445 mm		
System BIOS	BIOS Type	AMI 256Mb Flash EEPROM		
Carton Size (D*W*H)		740 * 325 * 565 mm		
Expansion Slots		8 (Can house 4 * double width GPU)		
Drive Bays	Ext. 5.25"	Upto 9		
	Int. 3.5"	Upto 6		
	Int. 2.5"	4		
Cooling Fans		Standard 2 * 12 cm fan Optional 1 * 12 cm (Normal & High speed), 2 * 8 cm Ext. Rear Cooling Kit for GPU		
Net Weight		12 KG		
Special Features		Rack convertible Intrusion Switch		
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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