



W500 is a 5U Desktop Workstation.

W500 Components

W500A Chassis – Supporting Intel Xeon processor with Single and dual socket motherboards, this versatile chassis shares power, cooling, network and acceleration modules. Its 5U form factor Desktop.

Server Board – Supported processors are listed in Processor Subsystem sections; they are suitable for varied applications including HPC, HCl, Hadoop, Openstack/hosted desktops and mini HPC clusters.

Storage Bay – It can holds up to fixed 4 x 2.5” or 4 x 3.5” SATA/SAS/SSD disk. RAID support is available.

Acceleration Card – Hardware acceleration cards supporting GPU or FPGA to offload compute intensive tasks to hardware. W500 Model support maximum upto 2GPU.

Acceleron Workstation Product Specifications

Specifications	
Form factor	<ul style="list-style-type: none"> • 5U, 19" rack mount • Dimensions (WxDxH) – 438 x 658 x 87 /174(mm)
Processor subsystem	<ul style="list-style-type: none"> • Intel Processors <ul style="list-style-type: none"> ○ Up to 2 x Intel® Xeon® W-2235/W-2245/W-2265/W-2295, 2nd and 3rd Generation Intel Xeon Scalable processors ○ Or Intel i-9 Processors with DDR5 ○ 16 DIMM slots, scalable to 1TB ○ Support DDR4 2133/2400/2666/2933/3200MHz RDIMM/LR DIMM, for up to 64GB per DIMM. ○ Intel® C621/C621A chipset
GPU	<ul style="list-style-type: none"> • 1 x NVIDIA GPU supported (NVIDIA RTX A6000/A5500/A5000/A4500/ A4000/A2000 etc) • 1 x NVIDIA GPU supported (NVIDIA A100, A30, A40 etc)
RAID	<ul style="list-style-type: none"> • Intel SW RAID 0,1,10
Front Control	<ul style="list-style-type: none"> • Power On/Off • Alarm Mute • System Reset
DWD Driver	<ul style="list-style-type: none"> • DWD Writer Internal or external support
Front I/O Ports	<ul style="list-style-type: none"> • 4 x USB 3.1
Visual Indicators	<ul style="list-style-type: none"> • 1 x Power Status • 1 x HDD Activity • 2x LAN Activity • 1 x Fan Failure and Overheat
Rear Panel	<ul style="list-style-type: none"> • Up to 4 x RJ45 Network interfaces (10/100/1000 Base-T) • Up to 4 x RJ45 Network interface (10000 BaseT) -configured at purchase • 1 x IPMI interface (10/100/1000 Base-T) • 1 x VGA /2 x VGA/1x HDMI - Configured at purchase • 1 x DB-9 (serial port) • 6x USB 3.1
System Security	<ul style="list-style-type: none"> • Intrusion Switch, Key lock and Kensington security slot
Audio	<ul style="list-style-type: none"> • 7.1 Channel (optional)
Expansion slots	<ul style="list-style-type: none"> • 7 (5 x full length + 2 x half length)
Power	<ul style="list-style-type: none"> • 1000W PS/2 Single or Mini-redundant
Cooling	<ul style="list-style-type: none"> • Front(option): 1 x 80mm or 92mm , Rear: 1 x 120mm, PWM
Temperature	<ul style="list-style-type: none"> • Operating: 10°C to 35°C (50°F to 95°F) • Non-operating: 0°C to 70°C
Weight	<ul style="list-style-type: none"> • 15Kg
Operating System	<ul style="list-style-type: none"> • Microsoft Windows –Windows 11 Pro, Server 2012 R2, Server 2016, Server 2019, 2022



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	<ul style="list-style-type: none">• Linux – RHEL/CentOS 6.8/7.4, SUSE Enterprise Linux Server 11/12SP3, Ubuntu 16.04/18.04
Warranty	<ul style="list-style-type: none">• 1/3 years options with additional 2 years AMC