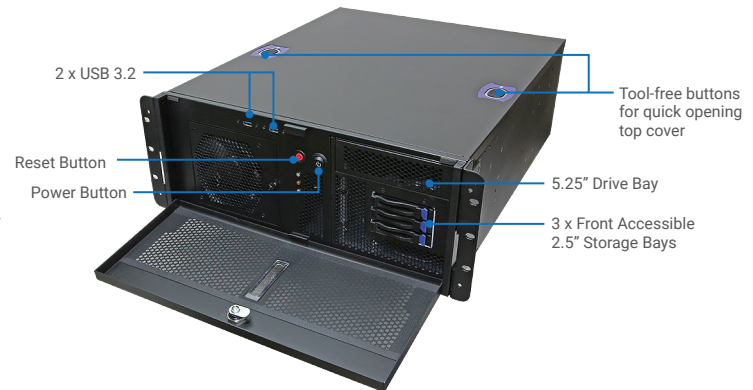


Features

- Extended Lifecycle Server-grade Workstation
- Lockable Front Cover
- 19" 4U Chassis. L6 Barebone
- L10 Fully Integrated (CPU, memory, storage) System available through OEM/ODM
- Custom configurations: Redundant Power Supply
- 3 x Front Accessible 2.5" storage bay
- Optional: 1 x 5.25", or 1 x 3.25", or 4 x 2.5" U.2/U.3 Storage Drive Bay
- Dual Intel LGA4677 Sockets support 4th/5th Generation Intel® Xeon® Scalable Processors (Max. TDP at 270W)
- Supports 12 x DDR5 5600 MHz RDIMM up to 3TB
- 7 x PCIe x16 slots support up to 4 double wide GPU cards
- 1 x Intel® X550-AT2 10GbE Ethernet Controller supports 2 x RJ45 LAN ports, 10GbE each port
- Supports IPMI 2.0 with AST 2600 BMC Controller Onboard
- 1 x 1300W PS2 ATX PSU or optional 1 x 1600W CRPS
- TPM 2.0 Onboard

Specifications

System	
Motherboard Inside	HPM-ERSDEA (4LAN)
CPU	2 x LGA4677 Sockets support 5th Gen Intel® Xeon® Scalable Processors up to 270W TDP each
System Chipset	Intel® C741 Chipset
System Memory	12 x DIMM slots support DDR5 5600MHz RDIMM up to 3TB
BMC/IPMI	IPMI 2.0 supported by AST 2600 BMC controller onboard
TPM	Onboard TPM 2.0
Supported OS	Windows 10 IoT Enterprise LTSC 2021 Windows 11 Windows Server 2019 Windows Server 2022 Ubuntu 21.1, 22.04 LTS and later Red Hat Enterprise Linux (RHEL) 8.2 and later
Ethernet	
Chipset	1 x Intel® I210-AT Ethernet Controller (1GbE) 1 x Intel® I226-LM Ethernet Controller (2.5GbE) 1 x Intel® X550-AT2 Ethernet Controller supports 2-Ports (10GbE each LAN port)
LAN Port	5 x RJ45 (LAN1 Share IPMI Port)
Expansion Slots	
PCI Express	7 x Gen 5 PCIe x16 slots Support up to 4 double wide GPU cards
Storage	
M.2	1 x M.2 M-Key PCIe 5.0 x4 NVMe SSD, 2242/2260/2280/22110 Form Factor
2.5" Drive Bay	3 x Front Accessible 2.5" storage bay Optional: 1 x 5.25", or 1 x 3.25", or 4 x 2.5" U.2/U.3 Storage Drive Bay
Display	
Chipset	AST 2600 BMC Controller
Resolution	VGA: 1920 x 1200 @ 60Hz 32bpp

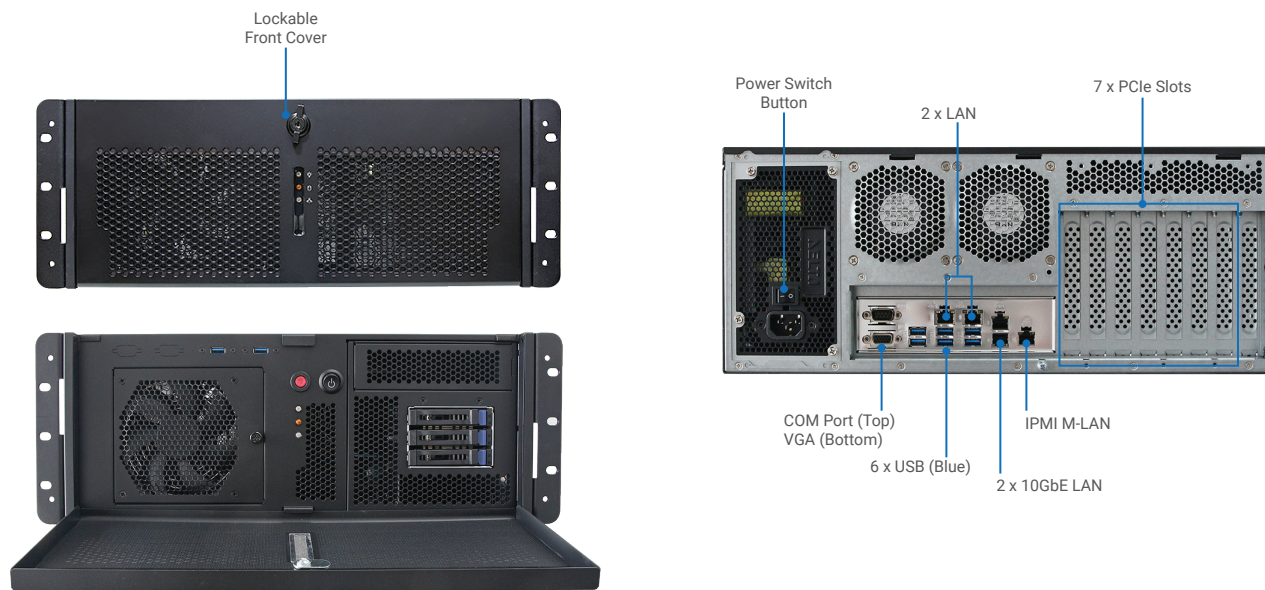


Edge I/O (Front)

USB	2 x USB 3.2 Gen 1
Power Button	1 x Power Button
Reset Button	1 x Reset Button
LED Indicator	1 x Power Status Indicator 1 x Disk Drive Activity Indicator 1 x Network Activity Indicator

Edge I/O (Rear)

USB	6 x USB 3.2 Gen 1
COM Port	1 x RS232
VGA	1 x VGA
LAN	5 x RJ45 Interfaces Management LAN Port (MLAN) for dedicated IPMI access only. Controlled by BMC Chip. LAN1: Intel® 1GbE shared with IPMI access LAN2: Intel® 2.5GbE LAN3 and LAN 4: Intel® 10GbE



Power Requirement

Power Mode	ATX
Power Supply Unit	1 x 1300W PS2 ATX PSU or optional 1 x 1600W CRPS

Mechanical and Environment

Operating Temp	L6 Barebone: 0 ~ 35°C (32°F ~ 95°F) (with 1300W ATX PSU) 0 ~ 40°C (32°F ~ 104°F) (with 1600W CRPS)
Storage Temperature	-40°C 24hrs IEC60068-2-1 Cold Test : Ab 70°C/ RH95% 24hrs IEC 60068-2-3 Test:Ca
Operating Humidity	35°C @ 95% Relative Humidity, Non-condensing
Dimensions (W x H x D)	19" 4U Chassis 16.93"W x 6.88"H x 25.59" (430 x 174.8 x 650mm) 19"W x 6.88" x 25.59" (482.6 x 174.8 x 650mm) with ear mount
Weight	56.88lbs (25.8kg)

Ordering Info

HPS-ERSD4AD-A1R	Barebone Only. L6 19" 4U Rackmount HPC System, HPM-ERSDEA/1300W/1x5.25"/3x2.5"
HPS-ERSD4AU-A1R	Barebone Only. L6 19" 4U Rackmount HPC System, HPM-ERSDEA/1600W/1x5.25"/3x2.5"

* All product specifications and images are subject to change without notice. Last update: 10/01/2024



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