

HPS-ERSU4A

Single 4th/5th Generation Intel® Xeon® Scalable Processor with Intel® C741 Chipset, 1300W, 5x RJ-45, IPMI2.0 Workstation



Product Features

- 19" 4U Chassis
- 1 x 1300W PS2 ATX PSU
- Intel LGA4677 Socket supports 4th/5th Generation Intel® Xeon® Scalable Processor (Max. TDP at 270W)
- 6 x DDR5 5600 MHz RDIMM up to 1.5TB
- 1 x Intel I210AT 1GbE controller
- 1 x Intel X550AT2 10GbE controller supports 2 x 10GbE Ethernet ports
- 430mm(W) x 174.8mm(H) x 528mm(D)
- 3 x Front accessible 2.5" storage bays
- Intel® C741 Chipset
- IPMI 2.0 with AST 2600 BMC controller onboard
- 1 x Intel I226-LM 2.5GbE controller

Specification

System Information

Processor	Intel LGA4677 Socket supports 4th/5th Generation Intel® Xeon® Scalable Processor (Max. TDP at 270W)
Platform Controller Hub	Intel® C741 Chipset
System Memory	6 x DDR5 5600 MHz RDIMM up to 1.5TB
BIOS	AMI UEFI BIOS
Watchdog Timer	System reset event 0 ~ 6553 seconds
H/W Status Monitor	CPU temperature Fan speed and voltage monitoring Fan speed control Case open detection
TPM	TPM 2.0 onboard
IPMI	IPMI 2.0 with AST 2600 BMC controller onboard
SBC	HPM-ERSUA

Front I/O

USB	2 x USB 3.2 Gen1 ports
Power Button	1 x Power button
Reset Button	1 x Reset button
LED Indicator	1 x Power status indicator 1 x Disk activity indicator 1 x Network activity indicator

Rear I/O

USB	4 x USB 3.2 Gen1 ports 2 x USB 2.0 type A ports
COM Port	1 x RS232 port
VGA	1 x VGA port
RJ-45	5 x RJ45 MGMT port for dedicated IPMI access only LAN1 port for 1GbE shares with IPMI access LAN2 port for 2.5GbE LAN3 and 4 ports for 10GbE

Display

Graphic Chipset	AST 2600 BMC controller
Resolution	1 x VGA port VGA: 1920 x 1200 @ 60Hz 32bpp

Power Requirement

Power Supply Unit	1 x 1300W PS2 ATX PSU
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Expansion

Expansion	4 x PCIe Gen5 x16 slots and 3 x PCIe Gen5 x4 slots Slot 1, PCIe 5.0 x16 Slot 2, PCIe 5.0 x4 Slot 3, PCIe 5.0 x16 Slot 4, PCIe 5.0 x4 Slot 5, PCIe 5.0 x16 Slot 6, PCIe 5.0 x4 Slot 7, PCIe 5.0 x16 (Slot 7 is the slot closest to CPU)
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Storage

M.2	1 x M.2 M-Key PCIe 3.0 x4 NVMe SSD, 2242/2260/2280/22110 form factor
2.5 Drive Bay	3 x Front accessible 2.5" storage bays

Ethernet

LAN Chipset 1 x Intel I210AT 1GbE controller
1 x Intel I226-LM 2.5GbE controller
1 x Intel X550AT2 10GbE controller supports 2 x 10GbE Ethernet ports

LAN Port 5 x RJ45
MGMT port for dedicated IPMI access only
LAN1 port for 1GbE shares with IPMI access
LAN2 port for 2.5GbE
LAN3 and 4 ports for 10GbE

Mechanical & Environmental

Operating Temp. 0 ~ 35°C (L6 system)

Storage Temp. -40°C 24hrs IEC60068-2-1 Cold test Test: Ab
70°C/ RH95% 24hrs IEC 60068-2-3 Test: Ca

Operating Humidity 35°C @95% Relative Humidity, Non-condensing

Weight 19.5KG

Dimension (W x L x D) 19" 4U Chassis
430mm(W) x 174.8mm(H) x 528mm(D)
482.6mm(W) x 174.8mm(H) x 528mm(D) with ear mount

Software Support

OS Windows 10 IoT Enterprise LTSC 2021
Windows 11
Windows Server 2019
Windows Server 2022
Ubuntu 21.10, 22.04 LTS or later
Red Hat Enterprise Linux (RHEL) 8.2 and later

Ordering Information

Ordering Information HPS-ERSU4AD-A1R
L6 19" 4U Rackmount w/HPM-ERSUAA/1300W/1x5.25"/3x2.5"