

HPS-SRSD4A

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



Product Features

- 19" 4U Chassis
- 1 x 1300W PS2 ATX PSU or 1 x 1600W CRPS
- Dual Intel LGA4677 Sockets support 4th Generation Intel® Xeon® Scalable Processors (Max. TDP at 270W)
- 12 x DDR5 4800/ 4400 MHz RDIMM up to 3TB
- 1 x Intel I210AT Giga-bit Ethernet
- 1 x Intel X550-AT2 10Giga-bit Ethernet
- 430mm(W) x 174.8mm(H) x 650mm(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 2.5Giga-bit Ethernet

Specification

System Information

Processor	Dual Intel FCLGA4677 Sockets support 4th Generation Intel® Xeon® Scalable Processors (Max. TDP at 270W each)
Platform Controller Hub	Intel® C741 Chipset
System Memory	12 x DDR5 4800/ 4400 MHz RDIMM up to 3TB
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-SRSDE

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
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Rear I/O

USB	6 x USB 3.2 Gen1 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 (Default) 1 x 1600W CRPS (Option)
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Expansion

Expansion	7 x PCIe Gen5 x16 slots Slot 1, PCIe 5.0 x16 from 2nd CPU Slot 2, PCIe 5.0 x16 from 1st CPU Slot 3, PCIe 5.0 x16 from 2nd CPU Slot 4, PCIe 5.0 x16 from 1st CPU Slot 5, PCIe 5.0 x16 from 2nd CPU Slot 6, PCIe 5.0 x16 from 1st CPU Slot 7, PCIe 5.0 x16 from 2nd CPU (Slot 7 is the slot closest to CPU)
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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 bays

Ethernet

LAN Chipset	1 x Intel I210AT Giga-bit Ethernet 1 x Intel I226-LM 2.5Giga-bit Ethernet 1 x Intel X550-AT2 10Giga-bit Ethernet
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 with 1300W ATX PSU) 0 ~ 40°C (L6 system with 1600W CRPS)
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

25.8KG

Dimension (W x L x D)

19" 4U Chassis
430mm(W) x 174.8mm(H) x 650mm(D)
482.6mm(W) x 174.8mm(H) x 650mm(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

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HPS-SRSD4AD-A1R
L6 19" 4U Rackmount w/HPM-SRSDEA/1300W/1x5.25"/3x2.5"
HPS-SRSD4AU-A1R
L6 19" 4U Rackmount w/HPM-SRSDEA/1600W/1x5.25"/3x2.5"