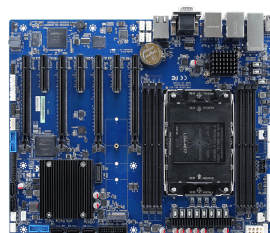




HPM-SRSUA

Intel® single 4th Gen. Xeon® Scalable Processor ATX Server Board with Intel® C741 Chipset and IPMI2.0
Processor supports up to 250W TDP



Specification

System Information	
Platform Controller Hub	Intel® C741 Chipset
Processor	Intel LGA4677 Socket supports 4th Gen. Intel Xeon Scalable Processor (Max. TDP at 250W)
System Memory	6 x DDR5 4800/ 4400 MHz RDIMM up to 1.5TB
Watchdog Timer	System Reset Event. 0 ~ 6553 seconds.
BIOS	AMI UEFI BIOS
H/W Status Monitor	CPU temperature, Fan speed and voltage monitoring, Fan speed control, and Case Open detection
TPM	TPM 2.0 onboard
iAMT	IPMI 2.0 with AST 2600 BMC controller onboard.
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)
Storage	
M.2	1 x M.2 M-Key PCIe 3.0 x4 NVMe SSD, 2242/2260/2280/22110 form factor
I/O	
SATA	5 x SATA III (Note:SATA 1~4 support RAID 0,1,5,10)
USB Port	4 x USB 3.2 Gen1 Port 2 x USB 2.0 Port
CMOS Battery	1 x Horizontal Socket Type CMOS Battery Holder with CR2450
VGA	1 x VGA Port
COM Port	1 x RS232 Port
Rear I/O	
RJ-45	5 x RJ45 MGMT port for dedicated IPMI access only. LAN1 port for 1GbE shared with IPMI access. LAN2 port for 2.5GbE LAN3 and 4 ports for 10GbE (Optional)

Display

Resolution 1 x VGA Port
VGA: 1920 x 1200 @ 60Hz 32bpp

Graphic Chipset AST2600 BMC Controller

Software Support

OS Windows 10 IoT Enterprise LTSC 2021.
Windows 11 IoT Enterprise.
Windows Server IoT 2019 with VT-d disabled.
Windows Server IoT 2022.
Ubuntu 20.04 LTS or later
Red Hat Enterprise Linux (RHEL) 8.2 and later

Ethernet

LAN Chipset 1 x Intel I210AT 1Giga-bit Ethernet
1 x Intel I226-LM 2.5Giga-bit Ethernet
1 x Intel X550-AT2 10Giga-bit Ethernet (Optional)

LAN Port 5 x RJ45
MGMT port for dedicated IPMI access only.
LAN1 port for 1GbE shared with IPMI access.
LAN2 port for 2.5GbE
LAN3 and 4 ports for 10GbE (Optional)

Mechanical & Environmental

Storage Temperature -40 ~ 85°C

Operating Humidity 40°C @95% Relative Humidity, Non-condensing

Weight 1.19KG

Dimension (L x W) 12 x 9.6 (304.8mm x 243.84mm), PCB thickness is 2.54mm.

Operating Temperature 0 ~ 60°C (32 ~ 140°F)
0 ~ 60°C (32 ~ 140°F)(without Intel X550)
0 ~ 55°C (32 ~ 131°F)(with Intel X550)

Power Connector 1 x Std. 24 Pin ATX Connector
3 x 8 Pin SSI 12V Connector

Ordering Information

Ordering Information HPM-SRSUAA-A1R
ATX 1xLGA4677 Intel 4th Gen.C741/X550 6xDDR5/4xPCIex16/2x10GbE/1x1GbE/1x2.5GbE/8xUSB3/5xSATA3
HPM-SRSUAL-A1R
ATX 1xLGA4677 Intel 4th Gen.C741 6xDDR5/4xPCIex16/1x1GbE/1x2.5GbE/8xUSB3/5xSATA3