



HPS-621U4A

Single 2nd Gen. Intel® Xeon® SP processors with Intel® C621 chipset, 1300W, 4 x RJ-45, IPMI2.0 workstation

- > 19" 4U Chassis
- > 430mm(W) x 174.8mm(H) x 528mm(D)
- > 1 x 1300W PS2 ATX PSU
- > 3 x Front Accessible 2.5" storage bay
- > Intel FCLGA3647 Sockets supports 1st and 2nd Gen. Intel Xeon Scalable processors (Max. TDP at 150W)
- > Intel C621 chipset
- > 6 x DDR4 2933/ 2666/ 2400/ 2133 MHz RDIMM/ LRDIMM up to 768GB
- > IPMI 2.0 with AST 2500 BMC controller onboard
- > 4 x Intel I210AT Giga-bit Ethernet

+ Spec

System Information (CS)

Processor	Intel FCLGA3647 Sockets supports 1st and 2nd Gen. Intel Xeon Scalable processors (Max. TDP at 150W)
Platform Controller Hub	Intel C621 chipset
System Memory	6 x DDR4 2933/ 2666/ 2400/ 2133 MHz RDIMM/ LRDIMM up to 768GB
I/O Chipset	NA
BIOS Information	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, and Case open detection
TPM	TPM 2.0 onboard
iAMT	IPMI 2.0 with AST 2500 BMC controller onboard
SBC	HPM-621UA

Edge I/O (Front) (CS)

USB Port	2 x USB 3.2 Gen1 port
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

Edge I/O (Rear) (CS)

USB Port	4 x USB 3.2 Gen1 port
COM Port	1 x RS232 (Bracket shared with VGA port, RS232 on the top)
VGA	1 x VGA (Bracket shared with Serial port, VGA on the bottom)
RJ-45	4 x RJ45 (LAN1 share IPMI port)

Display (CS)

Graphic Chipset	AST 2500 BMC controller
Resolution	1 x VGA port VGA: 1920 x 1200 @ 60Hz 32bpp

Power Requirement (CS)

Power Supply Unit	1 x 1300W PS2 ATX PSU
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Expansion

Expansion	3 x PCIe x16 slots or 6 x PCIe x8 slots Slot 1, PCI 3.0 Slot 2, PCIe 3.0 x8 Slot 3, PCIe 3.0 x16 (x16 will switch to x8 automatically when Slot 2 is used) Slot 4, PCIe 3.0 x8 Slot 5, PCIe 3.0 x16 (x16 will switch to x8 automatically when Slot 4 is used) Slot 6, PCIe 3.0 x8 Slot 7, PCIe 3.0 x16 (Slot 7 is the slot closest to CPU, x16 will switch to x8 automatically when Slot 6 is used)
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Storage

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

Ethernet

LAN Chipset	4 x Intel I210AT Giga-bit Ethernet
LAN Port	4 x RJ45 (LAN1 Share IPMI port)

Mechanical & Environmental

Operating Temperature	Temperature: 0 to 40 degree C (L6 system)
Storage Temperature	-40 degree C 24hrs IEC60068-2-1 Cold test Test : Ab 70 degree C / RH95% 24hrs IEC 60068-2-3 Test:Ca
Operating Humidity	40%~95% relative humidity, non-condensing
Weight	19KG



Dimension (L x W)	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 Information	Windows 10 IOT Enterprise Windows Server 2016 Windows Server 2019
Ordering Information	
Ordering Information	HPS-621U4AD-A1R L6 19" 4U Rackmount w/HPM-621UAA/1300W/1x5.25"/3x2.5"