



## 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)

<b>Processor</b>	Intel FCLGA3647 Sockets supports 1st and 2nd Gen. Intel Xeon Scalable processors (Max. TDP at 150W)
<b>Platform Controller Hub</b>	Intel C621 chipset
<b>System Memory</b>	6 x DDR4 2933/ 2666/ 2400/ 2133 MHz RDIMM/ LRDIMM up to 768GB
<b>I/O Chipset</b>	NA
<b>BIOS Information</b>	AMI UEFI BIOS
<b>Watchdog Timer</b>	System Reset Event. 0 ~ 6553 seconds.
<b>H/W Status Monitor</b>	CPU temperature, Fan speed and voltage monitoring, Fan speed control, and Case open detection
<b>TPM</b>	TPM 2.0 onboard
<b>iAMT</b>	IPMI 2.0 with AST 2500 BMC controller onboard
<b>SBC</b>	HPM-621UA

#### Edge I/O (Front) (CS)

<b>USB Port</b>	2 x USB 3.2 Gen1 port
<b>Power Button</b>	1 x Power button
<b>Reset Button</b>	1 x Reset button
<b>LED Indicator</b>	1 x Power status indicator 1 x Disk activity indicator 1 x Network activity indicator

#### Edge I/O (Rear) (CS)

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

#### Display (CS)

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

#### Power Requirement (CS)

<b>Power Supply Unit</b>	1 x 1300W PS2 ATX PSU
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#### Expansion

<b>Expansion</b>	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

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

#### Ethernet

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

#### Mechanical & Environmental

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



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