



## HPS-621U2A

Single 2nd Gen. ® Xeon® SP processor with Intel® C621 chipset, 500W, 4 x RJ-45, IPMI2.0 workstation

- > 19" 2U Chassis
- > 483mm(W) x 88mm(H) x 650mm(D)
- > 1 x 1U 80plus Gold 500W PSU
- > 4 x External 5.25" storage bay & 2 x Internal 3.5" storage bay
- > Intel FCLGA3647 Socket 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 Socket 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>	2x USB 2.0 type A 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 at Slot 1)
<b>VGA</b>	1 x VGA (Bracket at Slot 2)
<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>	1x 1U 80plus Gold 500W PSU
Expansion	
<b>Expansion</b>	3x PCIe x16 slots, 3 x PCIe x8 slots, 1 x PCI 3.0 slot Slot 1, NA (This is for PCI 3.0 slot) Slot 2, PCIe 3.0 x8 Slot 3, PCIe 3.0 x16 Slot 4, PCIe 3.0 x8 Slot 5, PCIe 3.0 x16 Slot 6, PCIe 3.0 x8 Slot 7, PCIe 3.0 x16 (Slot 7 is the slot closest to CPU)
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>	1 x 2.5" internal drive bay
<b>Other Storage Device</b>	4 x External 5.25" drive bays 2 x Internal 3.5" drive bays
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°C @ 95% Relative Humidity, Non-condensing
<b>Weight</b>	TBD



<b>Dimensions(W x L x D)</b>	483mm x 88mm x 650mm (W x H x D)
<b>Software Support</b>	
<b>OS Information</b>	Windows : Windows 10 IOT Enterprise, Windows server 2016, Windows server 2019 Linux : Ubuntu 16.04 and 18.04
<b>Ordering Information</b>	
<b>Ordering Information</b>	HPS-621U2A5-A1R L6 2U Rackmount w/HPM-621UAA/500W/4x5.25"/2x3.5"

