



## HPS-621D4A

Dual 2nd Gen. Intel® Xeon® SP Processors with Intel® C621 Chipset, 1300W, 4 x RJ-45, IPMI2.0 Workstation

- > 19" 4U 528mm x 430mm x 174.8mm Chassis
- > Support 2 x Intel® Xeon® SP Processor
- > Intel® C621 Chipset
- > 1 x ATX 1300WPS2 PSU
- > 3 x Front Accessible 2.5" storage bay
- > 12 x DDR4 2933/ 2666/ 2400/ 2133 ECC RDIMM/ LRDIMM up to 768GB
- > 1 x 2.5" SATA3 SSD 240GB (Optional)
- > 1 x Super Multi DVD Rewriter (Optional)
- > IPMI 2.0 with AST 2500 BMC Controller Onboard

### + Spec

Edge I/O (Front) (CS)	
USB Port	4 x USB 3.2 Gen1 ports
COM Port	1 x RS232 (Bracket shared with VGA port, RS232 on the top)
DP	NA
VGA	1 x VGA (Bracket shared with Serial port, VGA on the bottom)
RJ-45	4 x RJ45 (LAN1 share IPMI port)
Edge I/O (Rear) (CS)	
USB Port	4 x USB 3.2 Gen1 ports
COM Port	1 x RS232 (Bracket shared with VGA port, RS232 on the top)
DP	NA
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
System Information	
Processor	Dual Intel FCLGA3647 Sockets support 1st and 2nd Gen. Intel Xeon Scalable Processors (Max. TDP at 150W Each)
Platform Controller Hub	Intel C621 Chipset
System Memory	12 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
IPMI	IPMI 2.0 with AST 2500 BMC controller onboard
Board	HPM-621DE
Hard Driver Bay	3 x Front Accessible 2.5" storage bay
Expansion	
Expansion	4 x PCIe x16 slots, 2 x PCIe x8 slots, 1 x PCI 3.0 slot Slot 1, PCIe 3.0 x16 from CPU1 Slot 2, PCI 3.0 Slot 3, PCIe 3.0 x16 from CPU1 Slot 4, PCIe 3.0 x16 from CPU2 Slot 5, PCIe 3.0 x16 from CPU2 Slot 6, PCIe 3.0 x8 from CPU1 Slot 7, PCIe 3.0 x8 from CPU1 (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 form factor
I/O	
USB Port	Front: 2 x USB 3.2 Gen1 Ports Rear: 4 x USB 3.2 Gen1 Ports
COM Port	1 x RS232 (Bracket shared with VGA port, RS232 on the top)
Ethernet	
LAN Chipset	4 x Intel I210AT Giga-bit Ethernet
LAN Port	4 x RJ45 (LAN1 Share IPMI Port)
Mechanical & Environmental	

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<b>Operating Temperature</b>	Condition 1: Temperature: 0 to 40 degree C (L6) Condition 2: Temperature: 0 to 35 degree C (L10, GPU RTX5000+P2200)
<b>Storage Temperature</b>	-40  24hrs IEC60068-2-1 Cold test Test : Ab 70  RH95% 24hrs IEC 60068-2-3 Test:Ca
<b>Operating Humidity</b>	40%~95% relative humidity, non-condensing
<b>Weight</b>	18Kg
<b>Dimension (L x W)</b>	430mm x 528mm x 174.8mm
<b>Software Support</b>	
<b>OS Information</b>	Windows : Windows 10 IOT Enterprise Windows Server 2016 Windows Server 2019

#### + Ordering

- HPS-621D4AD-A1R (Barebone System, L6)
- HPS-621D4AD-A1-01R (Full System, L10)

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