

HPS-621D4A

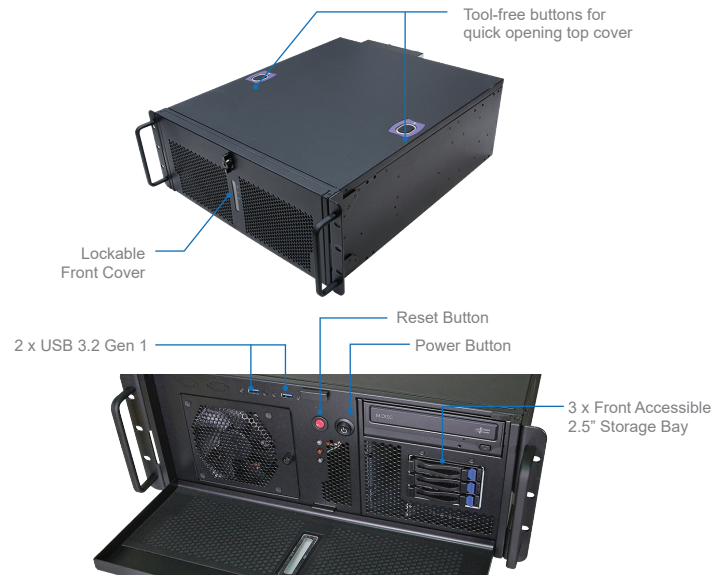
19" 4U HPC Workstation/Server System supports dual 2nd Gen. Intel® Xeon® SP processors

Features

- Extended Lifecycle Server System
- Lockable Front Cover
- Support 2 x Intel® Xeon® SP Processor
- Intel® C621 Chipset
- Supports 12 x DDR4 2933/ 2666/ 2400/ 2133 ECC RDIMM/ LRDIMM up to 1.5TB
- 4 x PCIe x16 slots, 2 x PCIe x8 slots, 1 x PCI 3.0 slot
- 1 x ATX 1300W PS2 PSU
- 3 x Front Accessible 2.5" storage bay
- 4 x Intel® I210-AT Gigabit Ethernet
- 4 x DDR4 2666 16GB RDIMM (Optional)
- 1 x 2.5" SATA3 SSD 240GB (Optional)
- 1 x Super Multi DVD Rewriter (Optional)
- Supports IPMI 2.0 with AST 2500 BMC Controller Onboard
- Front fans and rear fans
- TPM 2.0 Onboard
- Also available in Tower Type Server System
- L6 Barebone or L10 Fully Integrated System
- Custom configurations: Redundant Power Supply

Specifications

System	
CPU	Supports 2 x Intel® Xeon® SP Processor 2 x Intel® Xeon® Gold 6230 Processor for Level 10 (L10) fully integrated system SKU
System Chipset	Intel® C621 Chipset
System Memory	Supports 12 x DDR4 2933/ 2666/ 2400/ 2133 ECC RDIMM/ LRDIMM up to 1.5TB 4 x DDR4 2666 16GB RDIMM memory module (Optional for L10 SKU)
BMC/IPMI	IPMI 2.0 with AST 2500 BMC Controller Onboard
TPM	Onboard TPM 2.0
RAID	Intel® C621 software RAID 0,1,5,10
Sensor	1 x Inlet sensor board 1 x Outlet sensor board 1 x Case open sensor
Supported OS	Windows 10 IoT Enterprise 2016 LTSC Windows 10 IoT Enterprise LTSC 2019
Expansion Slots	
PCI Express	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
Storage	
M.2	1 x M.2 M-Key 2242/2260/2280 PCIe 3.0 x4 NVMe SSD
2.5" Drive Bay	3 x 2.5" Drive Bay L10 system: 1 x 2.5" SATA3 SSD 240GB TLC 0~70C (non-IPS) TS240GSSD452K-PHX1, Transcend, 1.02 DWPD (BCC-2S3S-240G-03R) At SATA1



Display	
Chipset	AST 2500 BMC Controller
Resolution	VGA: 1920 x 1200 @ 60Hz 32bpp
Ethernet	
Chipset	4 x Intel® I210-AT Gigabit Ethernet Controller
LAN	4 x RJ45 (LAN1 Share IPMI Port)
Edge I/O (Front)	
USB	2 x USB 3.2 Gen1 Ports
Power Button	1 x Power Button
Reset Button	1 x Reset Button
LED Indicator	1 x Power State 1 x Disk Drive Activity 1 x Network Activity
Edge I/O (Rear)	
USB	4 x USB 3.2 Gen1 Ports
COM Port	1 x RS-232 (Bracket shared with VGA port, RS-232 on the top)
VGA	Display Priority: VGA 1 x VGA (Bracket shared with Serial port, VGA on the bottom)
LAN	4 x RJ45 (LAN 1 port shared with IPMI 2.0)



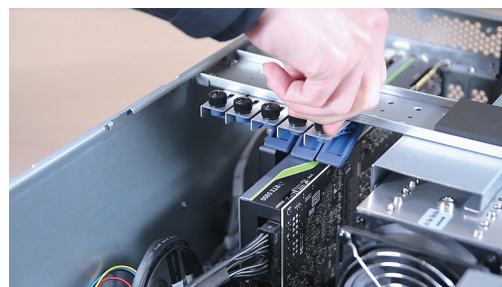
Available in Tower Workstation

Power Requirement

Power Mode	ATX
Power Supply	Delta 1300W PSU

Mechanical and Environment

Operating Temperature	Condition 1: Temperature: 0 to 40 degree C (L6) Condition 2: Temperature: 0 to 35 degree C (L10, GPU RTX5000+P2200)
Storage Temperature	-40°C 24hrs IEC60068-2-1 Cold test Test : Ab 70°C/ RH95% 24hrs IEC 60068-2-3 Test: Ca
Operating Humidity	40°C/RH95%/24hrs IEC 60068-2-56 Test:Cb
Form Factor	Extended ATX Board (EATX)
Dimensions	16.96" x 20.79" x 6.88" (430 x 528 x 174.8mm)
Weight	39.7 lbs (18kg)
Certification	CE/FCC Class B, safety: EN62368



Ordering Info

HPS-621D4AD-A1R	HPS-621D4A Barebone System (L6)
HPS-621D4AD-A1-01R	HPS-621D4A Complete System (L10)

* All product specifications and images are subject to change without notice. Last update: 2021/12/22

