



HPS-621UTA

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

- > Tower Chassis
- > 340mm(W) x 488mm(H) x 528mm(D) with external handle & pedestal stand
- > 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)

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|----------------------|---|
| 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)

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|-----------------|--|
| 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)

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|------------------------|---|
| Graphic Chipset | AST 2500 BMC Controller |
| Resolution | 1 x VGA Port VGA: 1920 x 1200 @ 60Hz 32bpp |

Power Requirement (CS)

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|--------------------------|-----------------------|
| Power Supply Unit | 1 x 1300W PS2 ATX PSU |
|--------------------------|-----------------------|

Expansion

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|------------------|--|
| 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) |
|------------------|--|

Storage

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|-----------------------|--|
| 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

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

Mechanical & Environmental

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|------------------------------|---|
| 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 | 19.2KG |
| Dimensions(W x L x D) | Tower Chassis 340mm(W) x 488mm(H) x 528mm(D) with external handles & pedestal stand. 174.8mm(W) x 430mm(H) x 528mm(D) without external handles & pedestal stand. |

Software Support



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|-----------------------------|---|
| OS Information | Windows 10 IOT Enterprise Windows Server 2016 Windows Server 2019 |
| Ordering Information | |
| Ordering Information | HPS-621UTAD-A1R L6 Tower Workstation w/HPM-621UAA/1300W/1x5.25"/3x2.5" |