



HPS-621DTA

Tower workstation supports Dual 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
- > Dual Intel FCLGA3647 Sockets support 1st and 2nd Gen. Intel Xeon Scalable processors (Max. TDP at 150W Each)
- > Intel C621 chipset
- > 12 x DDR4 2933/ 2666/ 2400/ 2133 MHz RDIMM/ LRDIMM up to 1.5TB
- > IPMI 2.0 with AST 2500 BMC controller onboard
- > 4 x Intel I210AT Giga-bit Ethernet

+ Spec

System Information

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|--------------------------------|--------------------------------------------------------------------------------------------------------------|
| 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 1.5TB |
| 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-621DE |

-Front I/O-

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|----------------------|---------------------------------------------------------------------------------------------|
| USB Port | 2 x USB 3.2 Gen1 ports |
| 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 |

-Rear I/O-

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|-----------------|--------------------------------------------------------------|
| USB Port | 4 x USB 3.2 Gen1 ports |
| 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-

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

-Power Requirement-

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

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| 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) |
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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°C @95% Relative Humidity, Non-condensing |
| Weight | 20.8KG |
| 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-621DTAD-A1R L6 Tower Workstation w/HPM-621DEA/1300W/1x5.25"/3x2.5" |

+ Ordering

- HPS-621DTAD-A1R (Barebone system)