



HPS-246U4A

Intel® LGA1151 Socket Supports 8th/9th Generation Core™ i7/ i5/ i3 / Pentium®/Celeron®/ Xeon® E Processor Workstation With Intel® C246 Chipset, 500W, 7 x RJ-45, IPMI2.0

- > 19" 4U 528mm x 430mm x 174.8mm Chassis
- > Intel® LGA1151 Socket Supports 8th/9th Generation Core™ i7/ i5/ i3 / Pentium®/Celeron®/ Xeon® E Process
- > Intel® C246 Chipset
- > 1 x ATX 500W PSU
- > 3 x Front Accessible 2.5" storage bay
- > 4 x DDR4 2666MHz DIMM supports up to 128GB
- > 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	2 x USB 3.2 Gen2 ports
COM Port	1 x RS232 (Bracket shared with VGA port, RS232 on the top)
DP	3 x DP++ ports
VGA	1 x VGA (Bracket shared with Serial port, VGA on the bottom)
RJ-45	7 x RJ45 (LAN1 Share IPMI Port)
Edge I/O (Rear) (CS)	
USB Port	2 x USB 3.2 Gen2 ports
COM Port	1 x RS232 (Bracket shared with VGA port, RS232 on the top)
DP	3 x DP++ ports
VGA	1 x VGA (Bracket shared with Serial port, VGA on the bottom)
RJ-45	7 x RJ45 (LAN1 Share IPMI Port)
Display (CS)	
Graphic Chipset	Intel 8th/9th Generation CPU integrated
Resolution	3 x DP++ port DP: 4096 x 2304 @ 60Hz HDMI: 4096 x 2160 @ 30Hz
Power Requirement (CS)	
Power Supply Unit	1 x 500W PS2 ATX PSU
System Information	
Processor	Intel LGA1151 Socket supports 8th/9th Gen. Core i7/i5/i3/Pentium/Celeron/Xeon E Processors
Platform Controller Hub	Intel C246 Chipset
System Memory	4 x DDR4 2666MHz ECC and Non-ECC DIMM support up to 128GB (ECC memory supported by specific CPU SKUs)
I/O Chipset	Nuvoton NCT6106D
BIOS Information	AMI UEFI BIOS
Watchdog Timer	System Reset Event. 5~255 seconds/5~255 minutes
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-246UA
Hard Driver Bay	3 x Front Accessible 2.5" storage bay
Expansion	
Expansion	1 x PCI 3.0 1 x PCIe Gen3 x 16 slot 1 x PCIe Gen2 x 8 slot 1 x PCIe Gen3 x 4 slot 1 x PCIe Gen3 x 1 slot
Storage	
Storage	NA
I/O	
USB Port	Front: 2 x USB 3.2 Gen1 Ports Rear: 2 x USB 3.2 Gen2 Ports
COM Port	1 x RS232 (Bracket shared with VGA port, RS232 on the top)
Ethernet	
LAN Chipset	7 x Intel I210AT Giga-bit Ethernet
LAN Port	7 x RJ45 (LAN1 Share IPMI Port)
Mechanical & Environmental	
Operating Temperature	Condition 1: Temperature: 0 to 45 degree C (L6 system) Condition 2: Temperature: 0 to 40 degree C (L10 system, GPU P2200)
Storage Temperature	-40I 24hrs IEC60068-2-1 Cold test Test : Ab 70II RH95% 24hrs IEC 60068-2-3 Test:Ca



Operating Humidity	40%~95% relative humidity, non-condensing
Weight	15Kg
Dimension (L x W)	430mm x 528mm x 174.8mm
Software Support	
OS Information	Windows : Windows 10 IOT Enterprise Windows Server 2016 Windows Server 2019

+ Ordering

- HPS-246U4A5-A1R (Barebone System, L6)
- HPS-246U4A5-A1-01R (Full System, L10)

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