



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 Chassis
- > 430mm(W) x 174.8mm(H) x 528mm(D)
- > 1 x 500W PS2 ATX PSU
- > 3 x Front Accessible 2.5" storage bay
- > Intel LGA1151 Socket supports 8th/9th Gen. Core i7/i5/i3/Pentium/Celeron/Xeon E processors
- > Intel C246 chipset
- > 4 x DDR4 2666MHz ECC and Non-ECC DIMM support up to 128GB (ECC memory supported by specific CPU SKUs)
- > IPMI 2.0 with AST 2500 BMC controller onboard
- > 7 x Intel I210AT Giga-bit Ethernet

+ Spec

System Information	
Processor	Intel LGA1151 Socket supports 8th/9th Gen. Core i7/i5/i3/Pentium/Celeron/Xeon E Processors(Max. TDP at 95W)
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
iAMT	IPMI 2.0 with AST 2500 BMC controller onboard
SBC	HPM-246UA
-Front I/O-	
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-	
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-	
Graphic Chipset	Intel 8th/9th generation CPU integrated
Resolution	3 x DP++ ports DP: 4096 x 2304 @ 60Hz HDMI: 4096 x 2160 @ 30Hz
-Power Requirement-	
Power Supply Unit	1 x 500W PS2 ATX PSU
Expansion	
Expansion	1 x PCI 3.0 1 x PCIe Gen 3.0 x 16 slot 1 x PCIe Gen 2.0 x 8 slot 1 x PCIe Gen 3.0 x 4 slot 1 x PCIe Gen 3.0 x 1 slot
Storage	
2.5" Drive Bay	3 x Front accessible 2.5" storage bay
Ethernet	
LAN Chipset	7 x Intel I210AT Giga-bit Ethernet
LAN Port	7 x RJ45 (LAN1 share IPMI Port)
Mechanical & Environmental	
Operating Temperature	Temperature: 0 to 45 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	15KG
Dimensions(W x L x D)	19" 4U Chassis 430mm(W) x 174.8mm(H) x 528mm(D) 482.6mm(W) x 174.8mm(H) x 528mm(D) with ear mount
Software Support	

www.avalu.com.tw



OS Information	Windows 10 IOT Enterprise Windows Server 2016 Windows Server 2019
Ordering Information	
Ordering Information	HPS-246U4A5-A1R L6 19" 4U Rackmount w/HPM-246UAA/500W/1x5.25"/3x2.5"

+ Ordering

- HPS-246U4A5-A1R (Barebone system, L6)

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Assured Systems

Assured Systems is a leading technology company with over 1,500 regular clients in 80 countries, deploying over 85,000 systems to a diverse customer base in 12 years of business. We offer high-quality and innovative rugged computing, display, networking and data collection solutions to the embedded, industrial, and digital-out-of-home market sectors.

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