



## 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	
<b>Processor</b>	Intel LGA1151 Socket supports 8th/9th Gen. Core i7/i5/i3/Pentium/Celeron/Xeon E Processors(Max. TDP at 95W)
<b>Platform Controller Hub</b>	Intel C246 Chipset
<b>System Memory</b>	4 x DDR4 2666MHz ECC and Non-ECC DIMM support up to 128GB (ECC memory supported by specific CPU SKUs)
<b>I/O Chipset</b>	Nuvoton NCT6106D
<b>BIOS Information</b>	AMI UEFI BIOS
<b>Watchdog Timer</b>	System Reset Event. 5~255 seconds/5~255 minutes
<b>H/W Status Monitor</b>	CPU temperature, Fan speed and voltage monitoring, Fan speed control, and Case Open detection
<b>TPM</b>	TPM 2.0 onboard
<b>iAMT</b>	IPMI 2.0 with AST 2500 BMC controller onboard
<b>SBC</b>	HPM-246UA
-Front I/O-	
<b>USB Port</b>	2 x USB 3.2 Gen1 ports
<b>Power Button</b>	1 x Power button
<b>Reset Button</b>	1 x Reset button
<b>LED Indicator</b>	1 x Power status indicator 1 x Disk activity indicator 1 x Network activity indicator
-Rear I/O-	
<b>USB Port</b>	2 x USB 3.2 Gen2 ports
<b>COM Port</b>	1 x RS232 (Bracket shared with VGA port, RS232 on the top)
<b>DP</b>	3 x DP++ ports
<b>VGA</b>	1 x VGA (Bracket shared with Serial port, VGA on the bottom)
<b>RJ-45</b>	7 x RJ45 (LAN1 Share IPMI Port)
-Display-	
<b>Graphic Chipset</b>	Intel 8th/9th generation CPU integrated
<b>Resolution</b>	3 x DP++ ports DP: 4096 x 2304 @ 60Hz HDMI : 4096 x 2160 @ 30Hz
-Power Requirement-	
<b>Power Supply Unit</b>	1 x 500W PS2 ATX PSU
Expansion	
<b>Expansion</b>	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	
<b>2.5" Drive Bay</b>	3 x Front accessible 2.5" storage bay
Ethernet	
<b>LAN Chipset</b>	7 x Intel I210AT Giga-bit Ethernet
<b>LAN Port</b>	7 x RJ45 (LAN1 share IPMI Port)
Mechanical & Environmental	
<b>Operating Temperature</b>	Temperature: 0 to 45 degree C (L6 system)
<b>Storage Temperature</b>	-40 degree C 24hrs IEC60068-2-1 Cold test Test : Ab 70 degree C / RH95% 24hrs IEC 60068-2-3 Test:Ca
<b>Operating Humidity</b>	40°C @95% Relative Humidity, Non-condensing
<b>Weight</b>	15KG
<b>Dimensions(W x L x D)</b>	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	



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

**+** Ordering

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