

PADR-S501-I964

Intel® Coffee lake-S CPU, 2xLAN, VGA+HDMI+DVI, 6xCOM, 4xUSB3.1, 6xUSB2.0, 4xPCIe/PCI, 4xSATA Bay, 4U rackmount, ATX power

JHCTECH

IoT Computer
Connecting the Data



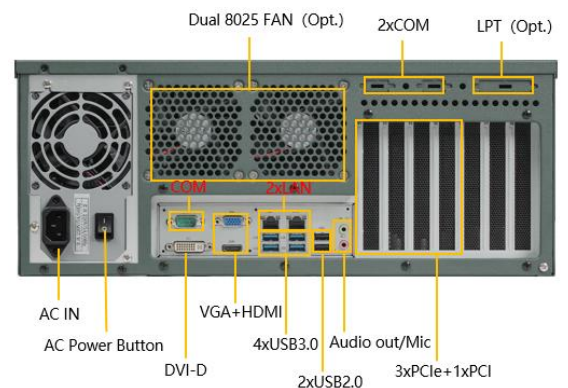
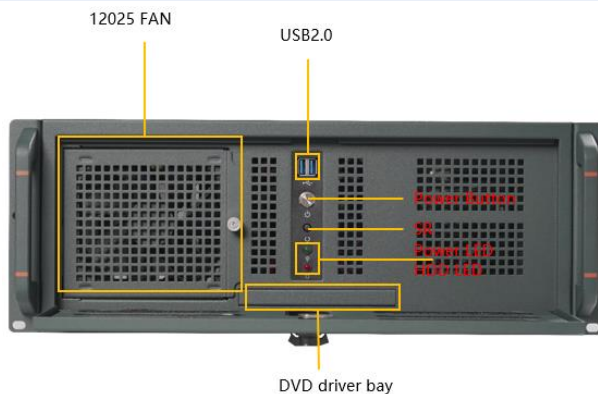
Key Features

- Intel gen 8/9th Coffee lake-S LGA1151 CPU+H310 PCH
- Dual channel 2xDDR4 2666MHz UDIMM, up to 64GB
- Intel UHD Graphic, VGA+HDMI/ VGA +DVI-D/ HDMI+ DVI-D dual independent display
- 1xI219LM Gig. Ethernet+1xI226V Gig. Ethernet
- 4xUSB3.1, 6xUSB2.0 (two front and two built-in), Audio out and Mic
- 2xRS232/422/485, 4xRS232, optional 1xLPT or 8 bit DIO
- 1xPCIeX16+1xPCI+2xPCIeX4, 1*M.2 2242/2280 M-Key
- 4x3.5 "SATA3.0 shock resistant and anti-vibration hard disk bay
- Standard 19" 4U rackmount chassis with high efficiency air cooling design
- Standard PS2 ATX power supply, 300/500/750W

Description

PADR-S501-964 is a standard 19" 4U rackmount industrial computer with an Intel H310 chipset powered by Intel® gen 8/9th Coffee lake-S LGA1151 series CPU. Rich functional IO, 4 PCIe/PCI expansion capabilities, excellent air cooling design, power consumption ladder ATX power supply selection, suitable for machine vision, CNC machine tools and factory production line automation and other fields.

I/O View



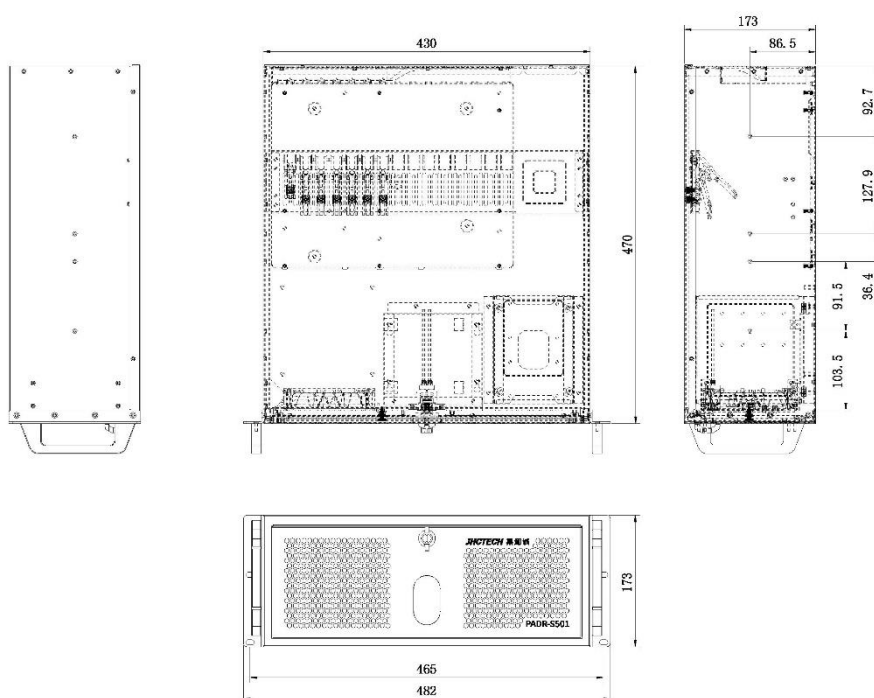
SPEC.

CPU+PCH	Intel gen 8/9th Coffee lake-S Core i9/i7/i5/i3/Pentium/Celeron LGA1151 CPU, up to 95W, H310 chipset
Memory	2x288-pin Non-ECC UDIMM , dual channel DDR4 2666MHz, up to 64GB
Expansion	1xPCIeX16 Gen3.0 slot, 2xPCIeX4 Gen2.0 slot (PCIeX1 signal), 1x32-bit PCI slot 1*M.2 2242/2280 M-Key (Gen2.0 PCIe X2 signal)
Graphics	Intel UHD Graphics, Supports DirectX* 12, OpenGL 4.5 HDMI max. res. 4096*2034@24Hz, VGA max. res. 1920*1200@60Hz, DVI-D max. res. 1920*1200@60Hz
Audio	Realtek ALC897 controller, Support 5.1 channel
LAN	1xIntel I226V, 10M/100M/1000M self-adapt, support WOL 1xIntel I219LM, 10M/100M/1000M self-adapt, support WOL
Storage	4xSATA3, 6.0Gbps interface, the box is designed with 4x3.5 "and 2x2.5" 5 anti-vibration hard disk bay, 1 ultrathin DVD driver bay, can realize multi-category combined storage
Rear I/O	2xLAN(RJ45); 1xHDMI+1xVGA+1xDVI-D; 1xLine out+1xMic 2x3.5mm phone jack 4xUSB3.1 Gen2 (10Gb/s, Type A), 2xUSB2.0(Type A), support USB Power to switch between System mode(+5V) and +5VSB mode through jumper 2xRS232/422/485 (DB9 male), 1xRS232(DB9 male), optional 1xLPT (DB25 female)
Front I/O	2xUSB2.0(Type A)
Internal I/O	8bit DIO, 2xUSB2.0(one Type A, one pin header), 1*LPT pin header, 3*RS232 pin header, 1x_F_AUDIO, 1xAMP, 1xLPC, PS/2 wafer, the built-in interface can be elicited through an extension window
Switch & LED	Front with Power Button, Reset Button, Power LED, HDD LED, on board with USB Power jumper, AT/ATX jumper, Clear CMOS jumper
Power Supply	AC100-240V input, standard ATX power supply 300W, optional 500W and 750W; TDP: 197.8W (I7-9900K CPU/16G DDR4/256G SSD)
Watchdog Timer	Watchdog timeout programmable via software 1 to 255 second
OS Support	Windows7、Windows* 10 Enterprise & IOT Enterprise (64 bit)(CFL-R); Windows* Server 2016 (Intel® Xeon® E) Ubuntu*、SuSe*; Redhat Enterprise* 1,2 (Kernel 4.14) (CFL-R) Wind River* ;VxWorks* 7 (CFL-R)

Structure and Mounting	Door with lock design, SGCC steel plate, metal mold molding; Mounted on 19" rack, optional mounting rail set
Cooling	Linear airflow design, front 12025 ball bearing fan, optional 2 rear 8025 ball bearing fan
Color	Granite grey
Dimension	(W*H*D): 430x470x173mm
Height	14.0kg
Operating Temperature	0 ~ 50°C
Storage Temperature	-40°C~70°C
Storage Humidity	10~95%@40°C, Non-condensing
Vibration	5grms/5~500Hz/random/in working (SSD); 1grms/5~500Hz/random/in working (HDD)
Shock	50g peak acceleration(11ms duration)(SSD); 20g peak acceleration(11ms duration)(HDD)
EMC/Certification	CE/FCC Class A, 3C

Dimension

Unit: mm



Ordering Info

Model No.	Introduction	Power
PADR-S501/964-300WP	Intel® H310 PCH + Coffee lake-S LGA1151 CPU, 2xDDR4 UDIMM, 2xLAN, 4xUSB3.1, 6xUSB2.0 (2 built-in), 6xCOM, 1xPCIe X16, 2xPCIeX4 (X1 signal), 1x32bit PCI, 1xM.2 M-Key, 1xHDMI, 1xVGA, 1xDVI-D, 1xLine out and 1xMic, 4x3.5 "SATA bay.	AC 100-240V,ATX 300W
PADR-S501/964-500		AC 100-240V,ATX 500W
PADR-S501/964-750		AC 100-240V,ATX 750W

Accessory Pack

Standard Accessories	Amount	Optional Components	Optional Components
Screw jumper package	1	LGA115X, TDP 35-65W CPU WIND-COOLI	A pair of guide rail mounting parts
Air Filter	1	LGA115X, TDP 95W CPU WIND-COOLI	8025 Dual ball bearing DC 12V fans
AC power supply cabel	1	one 4pin to 2+6pin GPU power cable	DB25 female head parallel port cabel
		SATA 7pin data cable, length 420mm	DB9 male needle DIO cabel