



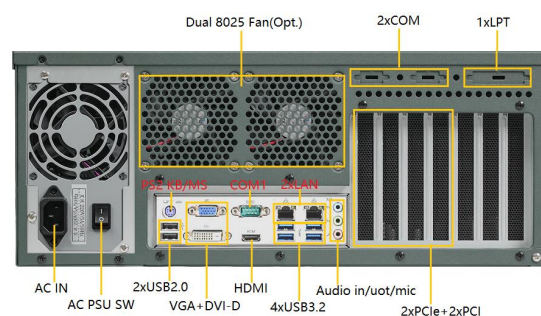
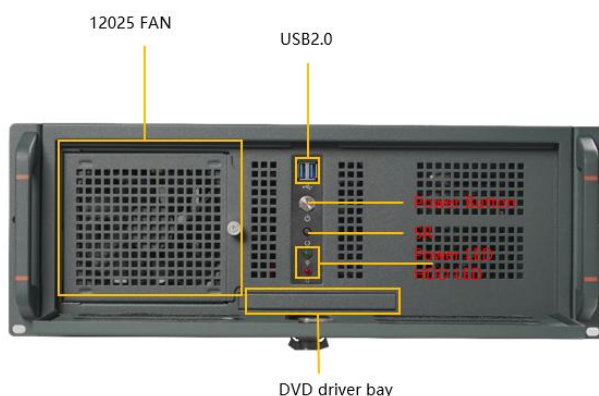
Key Features

- Intel® 6/8/9th Gen. LGA1151 CPU+Z390 PCH
- 2xDDR4 2133/2666MHz UDIMM, up to 64GB
- Intel® UHD Graphic, VGA+HDMI+DVI-D 3 display
- 1xI219LM Gig. Ethernet+1xI211AT Gig. Ethernet
- 4xUSB3.1, 5xUSB2.0 (2 front and 1inside)
- 1xRS232/422/485, 2xRS232,1xPS2 KB&MS, optional 1xLPT or 8 bit DIO, Audio out/in/Mic
- 1xPCIeX16+1xPCIeX4+2xPCI, 1xM.2 M-Key(PCIeX4), 1xFull size Mini PCIe
- 4xSATA3.0 support Raid0/1/5/10,4x3.5 "SATA shock resistant and anti-vibration hard disk bay
- Standard 19" 4U rackmount chassis with high efficiency air cooling design
- Standard PS2 ATX power supply, 300W and 850W

Description

PADR-S501-953-T001 is a standard 19" 4U rackmount industrial computer with an Intel Z390 chipset powered by Intel® gen 6/8/9th 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



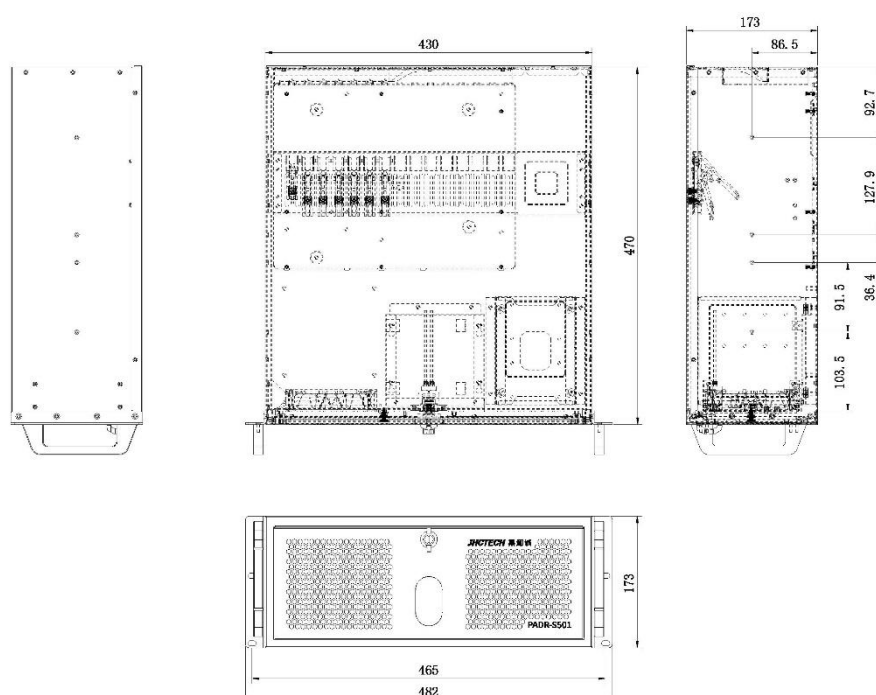
SPEC.

CPU+PCH	Intel gen 6/8/9th SKL/CFL-S/CFL-Refresh Core i7/i5/i3/Pentium/Celeron LGA1151 CPU, up to 65W, Intel Z390 chipset
Memory	2x288-pin Non-ECC UDIMM , dual channel DDR4 2133/2666MHz, up to 64GB
Expansion	1xPCIeX16 Gen3.0 slot, 1xPCIeX4 Gen3.0 slot (PCIeX4 signal), 2x32-bit PCI slot 1xM.2 2280 M-Key(PCIe3.0 X4 signal), 1xFull size Mini PCIe (PCIe X1+USB2.0 signal) with SIM slot
Graphics	Intel UHD Graphics, Supports DirectX 12, OpenGL 4.5 AVC/VC1/MPEG2/HEVC/VP8/JPEG.HW HD codec HDMI max. res. 4096*2160@30Hz,VGA max. res. 1920*1200@60Hz,DVI-D max. res. 1920*1200@60Hz
Audio	Realtek Audio HDA Codec, Support 5.1 channel
LAN	1xIntel I210AT, 10M/100M/1000M self-adapt, support WOL 1xIntel I219LM, 10M/100M/1000M self-adapt, support WOL
Storage	4xSATA3, 6.0Gbps interface, support Raid0/1/5/10, the box is designed with 4x3.5 "and 2x2.5" a set of anti-vibration hard disk bay; 1xM.2 2280 M-Key PCIeX4/SATA support NVMe/SATA SSD auto detect;1 ultrathin DVD driver bay, can realize multi-category combined storage
Rear I/O	2xLAN(RJ45); 1xHDMI+1xVGA+1xDVI-D; 1xLine out+1xLine in+1xMic 3x3.5mm phone jack 4xUSB3.1 Gen1 (5Gb/s, Type A), 5xUSB2.0(Type A, 2 front and 1 insyde); 1x6pin PS2 KB&MS; 1xRS232/422/485 (DB9 male), 2xRS232(DB9 male),DCD /VCC5 +RI/VCC12 Select Jumper; optional 1xLPT (DB25 female)
Front I/O	2xUSB2.0(Type A)
Internal I/O	8bit DIO, 1xUSB2.0(Type A), 1*LPT pin header, 2*RS232+1*RS232/485 pin header, 1xF_AUDIO, 1xSM Bus, the internal interface can be elicited through an extension window
Switch & LED	Front with Power Button, Reset Button, Power LED, HDD LED, COM VCC12 Select Jumper, AT/ATX jumper, Clear CMOS jumper
Power Supply	AC100-240V input, standard ATX power supply 300W, optional 850W; TDP: TDP: 125W (i7-9700/16G DDR4/128GSSD)
Watchdog Timer	Watchdog timeout programmable via software 1 to 255 second
OS Support	Windows 7(SKL-S supports 32-bit and 64-bit, Windows 10, Windows 11, Linux

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 fans
Color	Granite grey
Dimension	(W*H*D): 430x470x173mm
Height	14.0kg
Operating Temperature	0 ~ 50°C
Storage Temperature	-40°C~85°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-S501/953-T001-300WP	Intel® Z390 PCH + Skylake-S/Coffee lake-S/Refresh LGA1151 CPU, 2xDDR4 UDIMM, 2xLAN, 4xUSB3.1, 5xUSB2.0(1 inside), 3xCOM, 1xPCIe X16, 1xPCIeX4, 2x32bit PCI, 1xM.2 M-Key, 1xMini PCIe, 1xHDMI, 1xVGA, 1xDVI-D, 1xLine out,Line in和1xMic, 4x3.5 "SATA bay.	AC 100-240V,ATX 300W
PADR-S501/953-T001-850		AC 100-240V,ATX 850W

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 cable
		SATA 7pin data cable, length 420mm	DB9 male needle DIO cable