

PADR-C301-953

Intel® SKL/KBL-S CPU, 2xLAN, VGA+HDMI+DVI, 3xCOM, 4xUSB3.0, 5xUSB2.0, 4xPCIe/PCI, 1x3.5 " +2x2.5" SATA bay, 4-slot wall mounted, 1U power supply

JHCTECH

IoT Computer
Connecting the Dots

IPC-PADR Series



Key Features

- Intel 6/7代SKL/KBL-S LGA1151 CPU+H110 PCH
- Dual channel 2xDDR4 2133/2400MHz UDIMM, up to 32GB
- Intel 9th HD Graphic, VGA+HDMI+DVI-D 3 display
- 1xI219LM Gig. Ethernet+1xI211AT Gig. Ethernet
- 4xUSB3.0, 5xUSB2.0 (two front and one built-in), Audio out and Mic
- 2xRS232/422/485, 1xRS232, optional 1xLPT or 8 bit DIO
- 1xPCIeX16+1xPCI+2xPCIeX4, 1xFull size Mini PCIe
- 1x3.5" +2x2.5 " SATA3.0 shock resistant and anti-vibration hard disk bay
- 4-slot wall mounted chassis, standard 1U Flex power supply, optional for different powers

Description

PADR-C301-953 is a standard 4-slot wall mounted industrial computer powered by Intel H110 chipset and 6th/7th generation SKL/KBL-S LGA1151 series processor. Rich functional IO, 4 PCIe/PCI expansion capabilities, excellent air-cooled heat dissipation design, different power consumption 1U power selection, suitable for fields such as machine vision, CNC machine tools, and factory production line automation.

I/O View

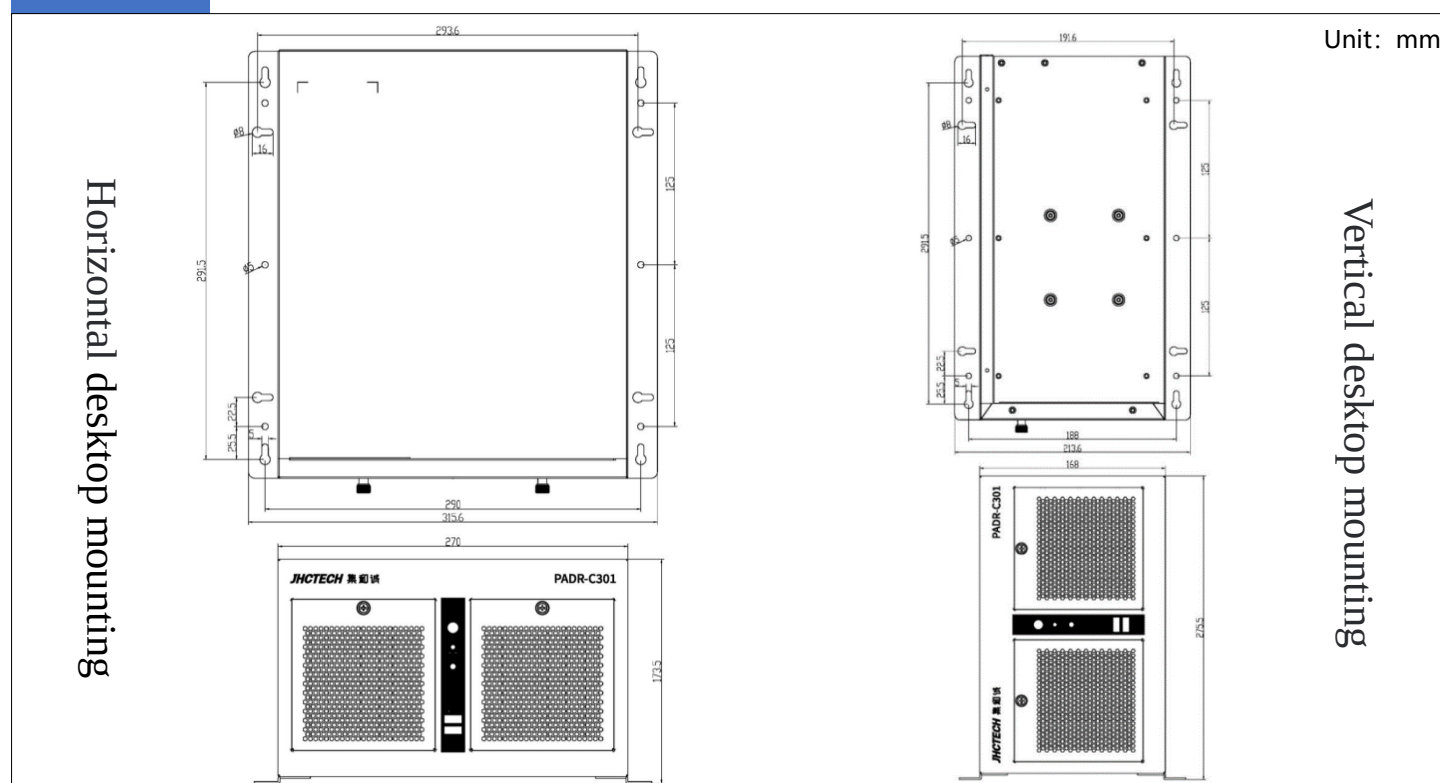


SPEC.

CPU+PCH	Intel gen 6/7th SKL/KBL-S Core i7/i5/i3/Pentium/Celeron LGA1151 CPU, up to 91W, H110 chipset
Memory	2x288-pin Non-ECC UDIMM , dual channel DDR4 2133/2400MHz, up to 32GB
Expansion	1xPCIeX16 Gen3.0 slot, 2xPCIeX4 Gen2.0 slot (PCIeX1 signal), 1x32-bit PCI slot 1xFull size Mini PCIe (PCIe X1 signal)
Graphics	Intel HD Graphics, Supports DirectX 12, OpenGL 4.5 AVC/VC1/MPEG2/HEVC/VP8/JPEG.HW HD codec HDMI max. res. 4096*2034@24Hz, VGA max. res. 1920*1200@60Hz, DVI-D max. res. 1920*1200@60Hz
Audio	Realtek ALC897 or ALC662VD controller, Support 5.1 channel
LAN	1xIntel I211AT, 10M/100M/1000M self-adapt, support WOL 1xIntel I219LM, 10M/100M/1000M self-adapt, support WOL
Storage	1x3.5 " +2x2.5" SATA3.0, a set of anti-vibration hard disk bay
Rear I/O	2xLAN(RJ45); 1xHDMI+1xVGA+1xDVI-D; 1xLine out+1xMic 2x3.5mm phone jack 4xUSB3.0 Gen2 (5Gb/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)
Front I/O	2xUSB2.0(Type A)
Internal I/O	8-bit DIO, 1xUSB2.0(Type A), 1*LPT pin header, 3*RS232 pin header, 1xF_AUDIO, 1xAMP, 1xLPC, 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 1U power supply 300W, optional 500W (With GPU graphics card, up to 140W power graphics card); TDP: TBD
Watchdog Timer	Watchdog timeout programmable via software 1 to 255 second
OS Support	Windows 7(SKL-S supports 32-bit and 64-bit, KBL-S supports 64-bit), Windows 10, Linux

Structure and Mounting	SGCC steel plate, metal mold molding; Horizontal mounting & Vertical mounting
Cooling	Front two 9025B fans
Color	Granite grey
Dimension	(W*H*D) : 270x168x331.2mm (without mounting parts), 315.6x173.5x331.2 (horizontal desktop installation), 213.6x275.5x331.2 (vertical desktop installation)
Height	6.3 kg
Operating Temperature	0 ~ 50°C (35W-65W CPU with 95W CPU WIND-COOLI; 95W CPU with 125W CPU WIND-COOLI)
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

Dimension



Ordering Info

Model No.	Introduction	Power
PADR-C301/953-300	Intel® H110 PCH + Skylake-S/Kabylake-S LGA1151 CPU, 2xDDR4 UDIMM, 2xLAN, 4xUSB3.0, 5xUSB2.0(one built-in), 3xCOM, 1xPCIe X16, 2xPCIeX4 (X1 signal), 1x32bit PCI, 1xMini PCIe, 1xHDMI, 1xVGA, 1xDVI-D, 1xLine out and 1xMic, 1x3.5" + 2x2.5 " SATA bay.	AC 100-240V, 1U 300W
PADR-C301/953-500		AC 100-240V, 1U 500W

Accessory Pack

Standard Accessories	Amount	Optional Components
Screw jumper package	1	LGA115X, TDP 95W CPU WIND-COOLI
AC power supply cabel	1	LGA115X (B3-1155-9000) , TDP 125W WIND-COOLI
		DB25 female head parallel port cabel
		DB9 male needle DIO cabel
		SATA 7pin data cable, length 420mm
		DB9 serial port cable