

PADR-C301-953-T001

Intel® 6/8/9th CoreTM/Pentium/Celeron series CPU, Dual channel 2*DDR4 U-DIMM, VGA+HDMI+DVI, 2*LAN, 4*USB 3.1, 4*USB 2.0, 1*COM, 2*PCIe+2*PCI, ATX power supply



IPC-PADR Series



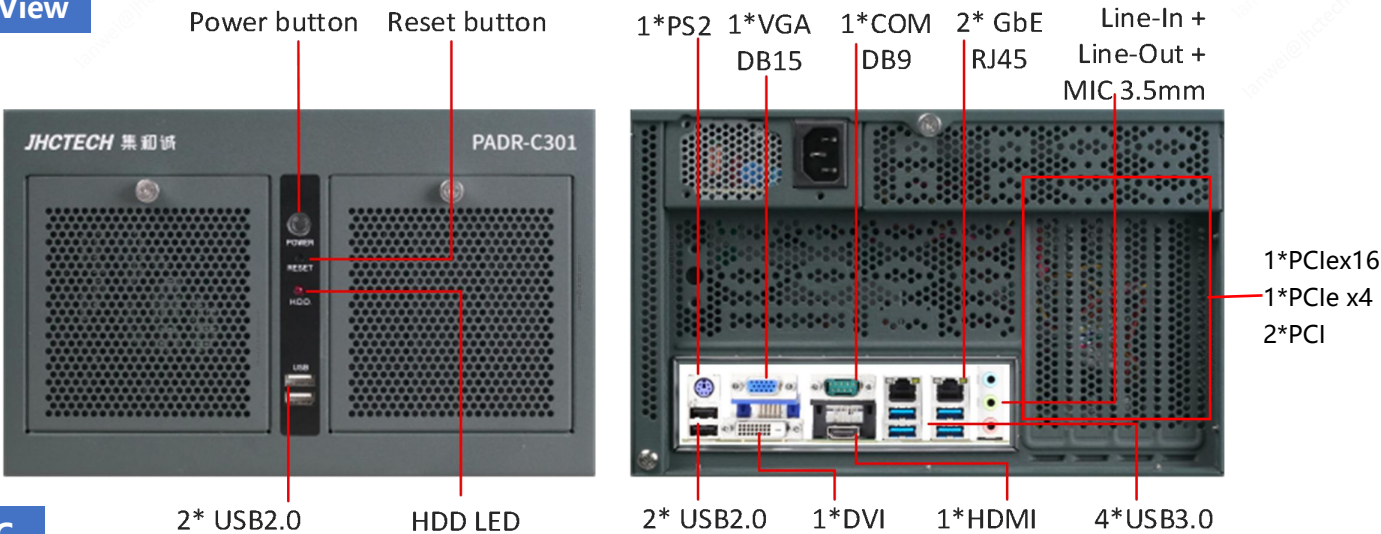
Key Features

- Intel®6/8/9th CoreTM/Pentium/Celeron series CPU
- Intel® Z390 chipset
- Dual channel 2*DDR4 U-DIMM, 2666MHz, up to 64GB
- 4*SATA3.0; 1*M.2-2280(NVMe)
- 1*PCIex16 slot, 1*PCIe x4 slot, 2*PCI slot
- 4*USB3.1 +4*USB2.0(2 rear+2 front), 1*COM
- 2*LAN Gig. Ethernet, 1*I219V and 1*I210AT chip
- 1* HDMI*VGA+DVI, 1* Line out+MIC in+Line in
- 1* Mini PCIe with SIM card slot
- 4-slot wall-mounted chassis, standard 1U Flex power supply, with different power options available

Description

PADR-C301-I953-T001 is an industrial motherboard equipped with the Intel Z390 chipset and supporting Intel® 6/8/9th CoreTM/Pentium/Celeron series CPU. It features dual-channel memory, a rich array of interfaces, and an air-cooling design. It is applicable to multiple fields such as intelligent industry, smart transportation, and the Internet of Things.

I/O View

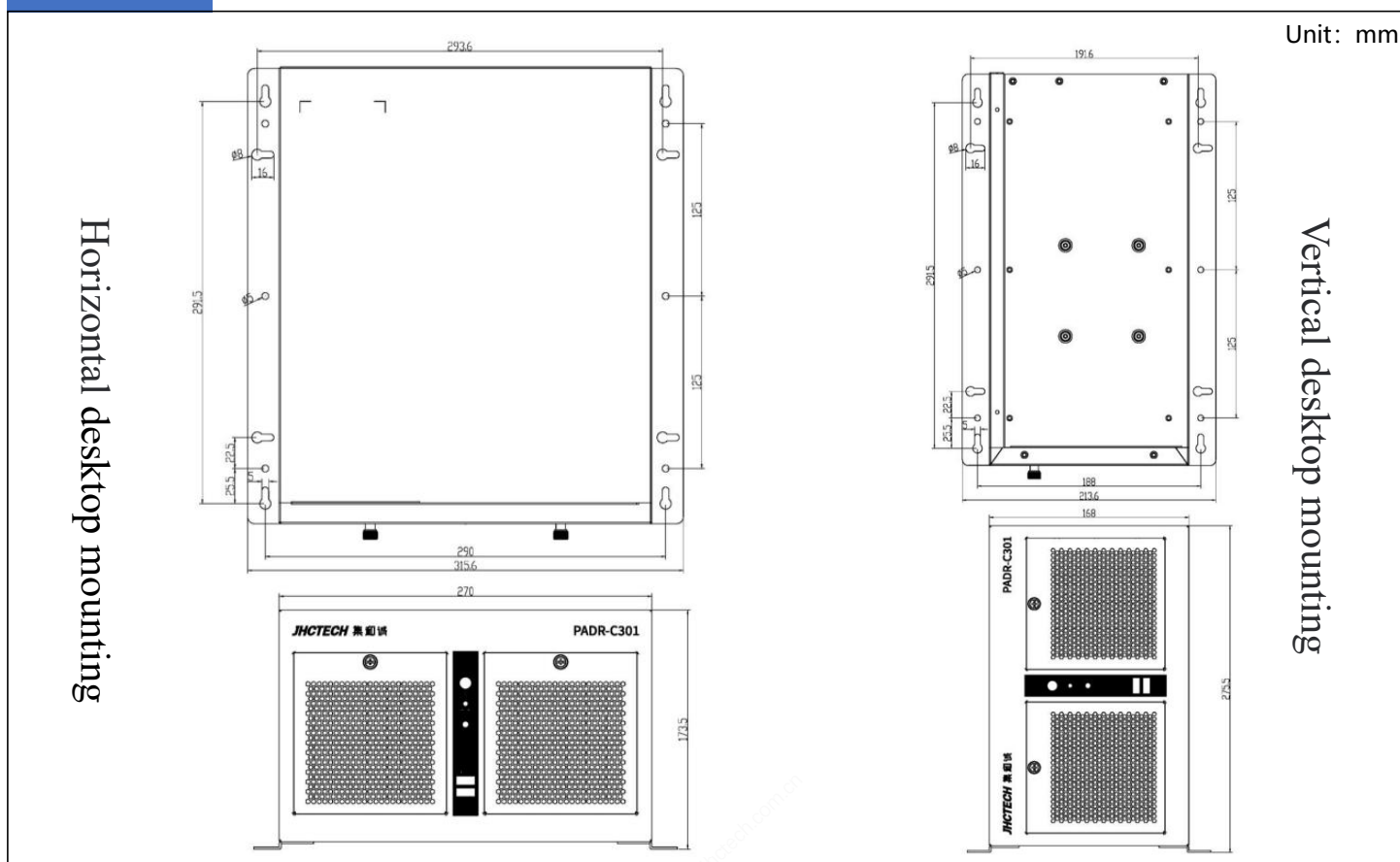


SPEC.

CPU	Intel® 6/8/9th CoreTM/Pentium/Celeron CPU, LGA1511, up to CPU TDP: 65W
Chipset	Intel® Z390, TDP 6W
BIOS	AMI UEFI BIOS
Memory	Dual channel, 2*DDR4 No ECC U-DIMM, 2133/2400/2666MHz, up to 2*32GB
Storage	1*3.5 " +2*2.5" SATA3.0, a set of anti-vibration hard disk bay, support RAID0,1,5 ; 1*M.2-2280(NVMe), PCIE x4/SATA, support NVMe/SATA SSD auto detect
Graphics	1*HDMI/VGA/DVI, HDMI max. res. 4096x2160@30Hz, VGA max. res. 1920x1200@60Hz, DVI max. res.1920*1200@60Hz
Audio	1*Line out,1*MIC in,1*Line in, Realtek Audio HDA Codec, support 5.1 channel
LAN	2*RJ45 Gig. Ethernet, 1*I219V and 1*I210AT chip, 10/100/1000M self-adapt
USB3.1	4*USB3.1 Type-A
USB2.0	2*USB2.0 rear+2*USB2.0 front , 3*USB2.0 (Built-in, optional cable lead-out)
COM	1*COM rear RS232-DB9 + 5*COM insyde (1*RS232/422/485 + 1*RS232/485 +3*RS232)
PS/2	1*PS/2, Keyboard & Mouse
Expansion	1* MINI-PCIe, PCIe + USB2.0, SIM card slot , support WiFi+BT or 4G LTE 1* PCIeX16 slot (PCIeX16 Gen3) , 1* PCIeX4 slot (PCIe X4 Gen3) , 2* PCI, 33MHz/66MHz
Power	Standard 1U Flex ATX power supply, AC100-240V input, standard ATX power supply 300W, optional 500W; TDP: 125W (i7-9700/16G DDR4/128GSSD)

Switch & LED	Front with Power Button, Reset Button, Power LED, SATA LED, AT/ATX jumper, Clear CMOS jumper
Structure and Mounting	SGCC steel plate, metal mold molding; 4-slot wall-mounted chassis, Horizontal mounting & Vertical mounting
Cooling	Linear airflow design, front two 9025B fans
Color	Granite grey
Watchdog timer	Programmable 1- 255 seconds
OS Support	Windows 7(SKL-S support 32bit and 64bit), Windows 10/11 64bit, Linux
Dimension	W*H*D: 270x168x331.2mm(without mounting parts), 315.6x173.5x331.2(horizontal desktop installation), 213.6x275.5x331.2(vertical desktop installation)
Operating temperature	0°C ~ 50°C
Storage Temperature	-20°C~75°C
Storage Humidity	5~95%@40°C, Non-condensing

Dimension



Ordering Info

Model No.	Power	Introduction
PADR-C301-953-T001-300	AC 100-240V, 1U 300W	Intel® Z390 PCH + Skylake-S/Coffee lake-S/Refresh LGA1151 CPU, 2xDDR4 UDIMM, 2xLAN, 4xUSB3.1, 5xUSB2.0(1 inside), 1xCOM, 1xPCIe X16, 1xPCIeX4, 2x32bit PCI, 1xM.2 M-Key, 1xMini PCIe, 1xHDMI, 1xVGA, 1xDVI-D, 1xLine out,Line in和1xMic, 1xPS2, 1x3.5"+2x2.5"SATA bay.
PADR-C301-953-T001-500	AC 100-240V, 1U 500W	

Accessory Pack

Standard Accessories	Amount	Optional Components	Optional Components
Screw jumper package	1	LGA115X, TDP 35-65W CPU WIND-COOLI	DB9 male pin serial port cable
Air Filter	1	LGA115X, TDP 95W CPU WIND-COOLI	DB25 female head parallel port cable
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	Two in a row PS2 keyboard and mouse cable