



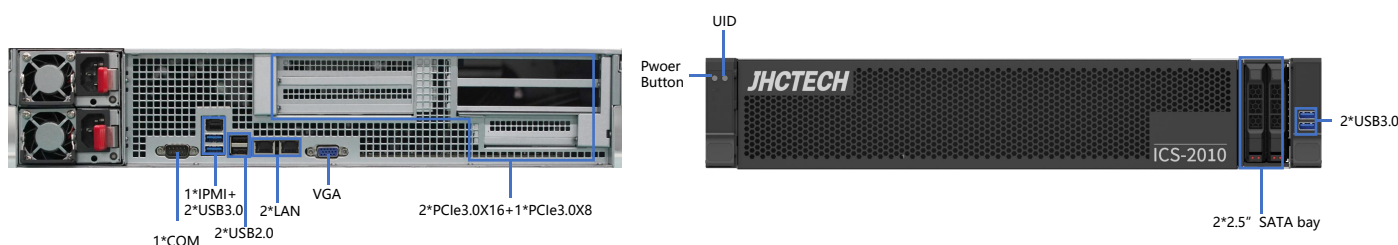
Key Features

- Supports 1 or 2 Intel Xeon 2nd-gen Scalable series processors
- 16*DDR4 memory slots, supports 2133/2400/2666/2933 MHz ECC LRDIMM /RDIMM
- 2*2.5 " hot-swap hard drive bay, optional 2*rear 2.5" hot-swap hard drive bay
- Supports 2*PCIe3.0X16, 1*PCIe3.0X8
- 4*USB3.0, 2*USB2.0, 1*VGA, 1*COM, 2*LAN, 1*IPMI
- 4*8038 hot swap high-speed fan
- In line with OTII standard
- 100-240V input, 550/800/1200/1600W 1+1 redundant power supply

Product Overview

ICS-2010 is a dual-channel edge computing server, equipped with 1 or 2 2nd-gen Intel® Xeon extensible series processors, C621 chipsets, 16 ECC LRDIMM/RDIMM DDR4 memory slots, 2 M.2 ports, 2 Gigabit network ports, 1 management network port, 3 PCIe expansion slots. It supports a maximum of 2 full-height double-width GPU cards, which is oriented to the 5G edge server market and meets OTII standards, and is very suitable for inference servers in the edge AI field.

IO Layout

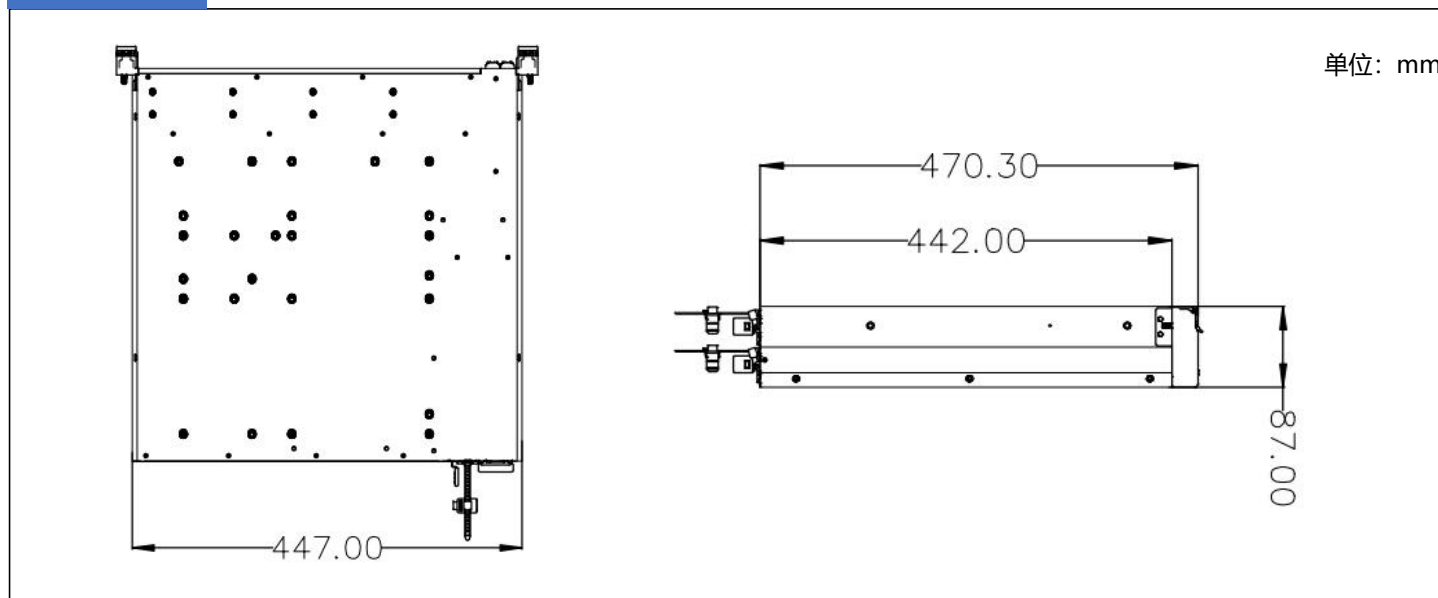


Product SPEC

CPU+PCH	1 or 2 2nd-gen Intel® Xeon® Scalable Processors, Intel® C621 PCH
Memory	16*DDR4 memory slots supporting 2133/2400/2666/2933MHz ECC LRDIMM/RDIMM memory The maximum memory capacity of LRDIMM is up to 4T(16*256GB); The maximum memory capacity of RDIMM is 2T(16*128GB)
Expansion	2*PCIe3.0X16, 1*PCIe3.0X8, Supports two full-height double-width GPU cards and one half-height half-length single-width PCIe expansion card. 1*M.2 22110/2280 M-Key (PCIe3.0X4) , 1*M.2 2280 M-Key (PCIe3.0X4)
Graphics	VGA max res. 1920*1200@60Hz
LAN	2*I210-AT 10M/100M/1000M adaptive network port; 1*IPMI2.0 management network port, Aspeed AST2500 BMC
Storage	Front: 2*2.5 "SAS/SATA3.0 hot swap drive bay, support soft ware RAID 0,1; Rear: 2*2.5" hot-swap hard drive bay (optional)
I/O Interface	Front: 2*USB3.0 Rear: 1*VGA, 1*COM, 2*USB3.0, 2*USB2.0, 1*IPMI (RJ45) , 2*LAN (RJ45)
Power Supply	Optional 550W、800W、1200W、1600W 1+1 hot swap redundant power supply
Fan	4*8038 hot swap temperature-controlled fan
LED	1*Power LED(on power button), 1*ERROR LED, 1*HDD LED, 2*NIC network LED
Control SW	1*Power SW, 1*RST, 1*UID
OS Support	Windows Server 2008 R2(64-bit) , Windows SBS 2011(64-bit), Windows Server2012/2012 R2(64-bit), Red Hat Enterprise Linux Server(32/64-bit), Suse Enterprise Linux Server(32/64-bit), Ubuntu Server(32/64-bit)

Structure	Imported SGCC hot dip galvanized steel sheet
Dimension	(L*W*H): 442*447*87mm
Net weight	11.33KG
Operating temperature	5 ~ 35°C
Operating Humidity	5%~95%RH, Non-condensing
Storage Temperature	-20 ~ 75°C

Dimension



Ordering Info.

Model No.	CPU	Introduction	
ICS-2010-B02-1600	Intel® Xeon 2nd-gen Scalable series processors + Intel® C621 PCH	16*DDR4 LRDIMM/RDIMM, 2*LAN, 1*IPMI, 4*USB3.0, 2*USB2.0, 1*COM, 1*VGA, 2*2.5" SAS/SATA bay, 2*PCIe 3.0X16, 1*PCIe3.0X8, 2*M.2(PCIe3.0X4), 4*8038 temperature-controlled fan	1600W, 1+1 redundant power supply
ICS-2010-B02-1200			1200W, 1+1 redundant power supply
ICS-2010-B02-800			800W, 1+1 redundant power supply
ICS-2010-B02-550			550W, 1+1 redundant power supply
ICS-2010-B04-1600		16*DDR4 LRDIMM/RDIMM, 2*LAN, 1*IPMI, 4*USB3.0, 2*USB2.0, 1*COM, 1*VGA, 4*2.5" SAS/SATA bay, 2*PCIe 3.0X16, 1*PCIe3.0X8, 2*M.2(PCIe3.0X4), 4*8038 temperature-controlled fan	1600W, 1+1 redundant power supply
ICS-2010-B04-1200			1200W, 1+1 redundant power supply
ICS-2010-B04-800			800W, 1+1 redundant power supply
ICS-2010-B04-550			550W, 1+1 redundant power supply
2U4HP-T023-GP	LGA3647 CPU heatsink, 205W		
CR450-1U	1U rack-mounted chassis guide rail, 450mm depth, 1 pair		