



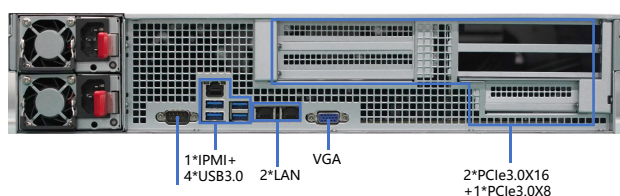
Key Features

- Supports 1 or 2 Intel Xeon 4th-gen Scalable series processors
- Supports up to 4 TB memory capacity with 16 DIMMs of 256 GB 3DS RDIMM/RDIMM DDR5 ECC memory
- 2*2.5 " hot-swap hard drive bay, optional 2*rear 2.5" hot-swap hard drive bay
- Supports 2*PCIe5.0X16, 1*PCIe5.0X8
- 6*USB3.0, 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-2020 is a dual-channel edge computing server, equipped with 1 or 2 4th-gen Intel® Xeon extensible series processors, C741 chipsets, 16 3DS RDIMM/RDIMM DDR5 ECC 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

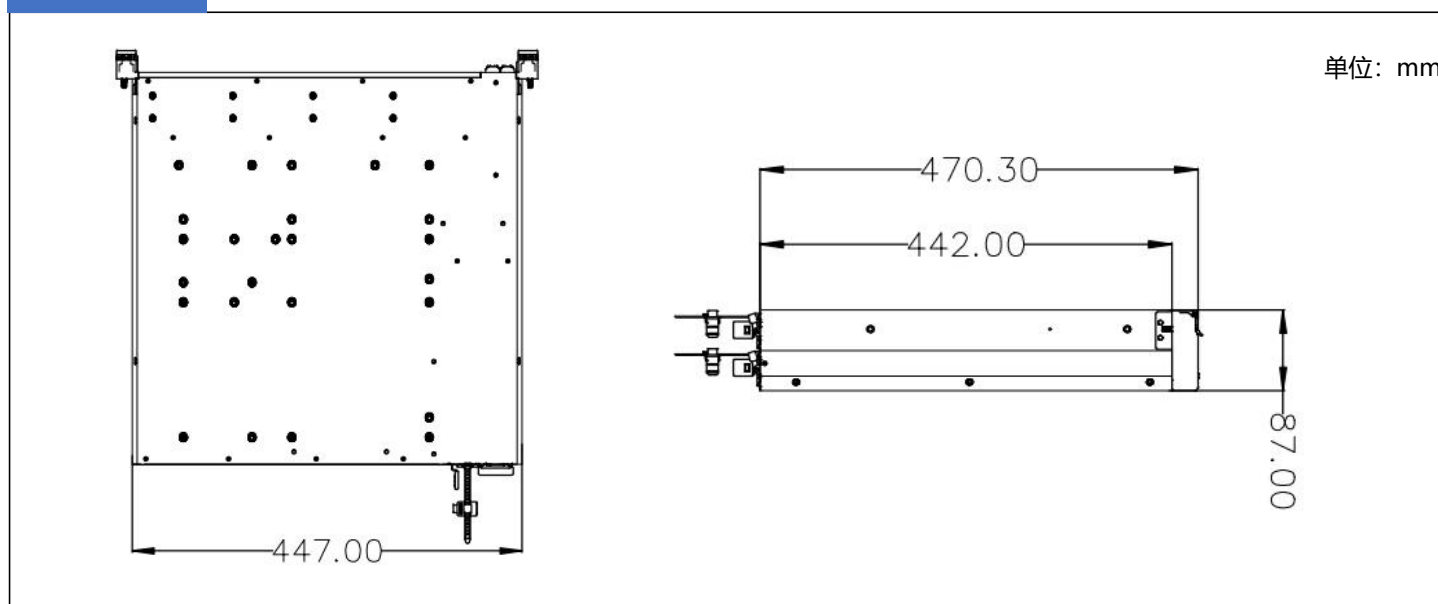


Product SPEC

CPU+PCH	1 or 2 4th-gen Intel® Xeon® Scalable Processors, Intel® C741 PCH
Memory	Supports up to 4 TB memory capacity with 16 DIMMs of 256 GB 3DS RDIMM/RDIMM DDR5 ECC memory. Memory speed and capacity support depends on the processors used in the system
Expansion	2*PCIe5.0X16, 1*PCIe5.0X8, Supports two full-height double-width GPU cards and one half-height half-length single-width PCIe expansion card. 2*NVMe M.2 22110/2280 M-Key (PCIe4.0X2); 3*MCIOX8, supports 6 PCIe5.0X4 NVMe connections
Graphics	VGA max res. 1920*1200@60Hz
LAN	2*Broadcom BCM5720 1GBase-T Ethernet port; 1*IPMI2.0 management network port, Aspeed AST2600 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, 4*USB3.0, 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 Server 2012/2012 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	8%~90%RH, Non-condensing
Storage Temperature	-40 ~ 70°C
Storage Temperature	5%~95%RH, Non-condensing

Dimension



Ordering Info.

Model No.	CPU	Introduction	
ICS-2020-B02-1600	Intel® Xeon 4th-gen Scalable series processors + Intel® C741 PCH	16*DDR5 3DS RDIMM/RDIMM, 2*LAN, 1*IPMI, 6*USB3.0, 1*COM, 1*VGA, 2*2.5" SAS/SATA bay, 2*PCIe 5.0X16, 1*PCIe5.0X8, 2*M.2(PCIe4.0X2), 4*8038 temperature-controlled fan	1600W, 1+1 redundant power supply
ICS-2020-B02-1200			1200W, 1+1 redundant power supply
ICS-2020-B02-800			800W, 1+1 redundant power supply
ICS-2020-B02-550			550W, 1+1 redundant power supply
ICS-2020-B04-1600		16*DDR5 3DS RDIMM/RDIMM, 2*LAN, 1*IPMI, 6*USB3.0, 1*COM, 1*VGA, 4*2.5" SAS/SATA bay, 2*PCIe 5.0X16, 1*PCIe5.0X8, 2*M.2(PCIe4.0X2), 4*8038 temperature-controlled fan	1600W, 1+1 redundant power supply
ICS-2020-B04-1200			1200W, 1+1 redundant power supply
ICS-2020-B04-800			800W, 1+1 redundant power supply
ICS-2020-B04-550			550W, 1+1 redundant power supply
2U6HP-LA61-GP	LGA4677 CPU heatsink, 250W		
CR450-1U	1U rack-mounted chassis guide rail, 450mm depth, 1 pair		