

ICS-4010

4U dual-channel server, Intel Xeon 2nd-gen scalable series processors, support up to 24x2.5/3.5" hot-swap drive bay, 7xPCIe expansion slots, 1xVGA, 1xCOM, 4xUSB3.0, 2xUSB2.0, 2xLAN, 1xIPMI, direct air channel temperature controlled fan heat dissipation, support different power redundancy power supply.

JHCTECH

物联万物

Intelligent control system



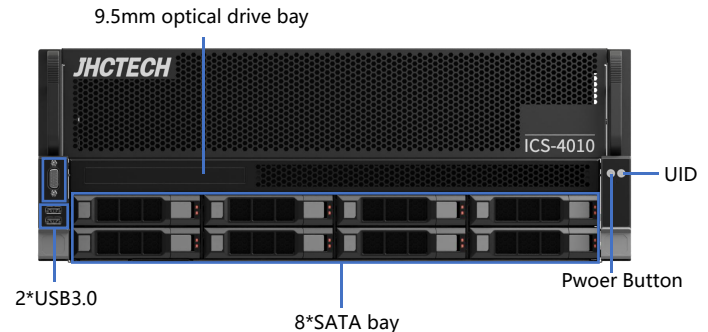
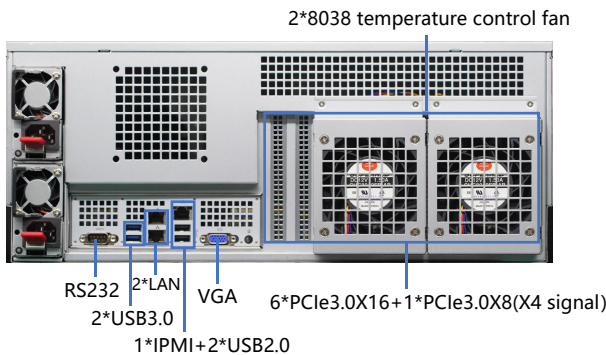
Key Features

- Supports 1 or 2 Intel Xeon 2nd-gen scalable series processors
- 16*DDR4 memory slots, supports 2133/2400 /2666/2933 MHz ECC LRDIMM /RDIMM
- 8x2.5/3.5" hot-swap drive bay+9.5mm optical drive bay(optional 24 drive bay,no optical drive bay), supporting software RAID0/1/5/10
- 6*PCIe3.0X16, 1*PCIe3.0X8(X4 signal)
- 4*USB3.0, 2*USB2.0, 1*VGA, 1*COM, 2*LAN, 1*IPMI
- 4x8038 hot-swap high-speed fan+2x8038 fan module(rear)
- Supports 550/800/1200/1600/2000/2200W 1+1 redundant power supply

Product Overview

ICS-4010 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, 1 M.2 ports, 2 Gigabit network ports, 1 management network port, 7 PCIe expansion slots, supports a maximum of four full-height, dual-width GPU cards. It has computing and storage capabilities, suitable for artificial intelligence, virtualization, cloud computing, big data processing, distributed storage, enterprise market or telecom business applications.

IO Layout

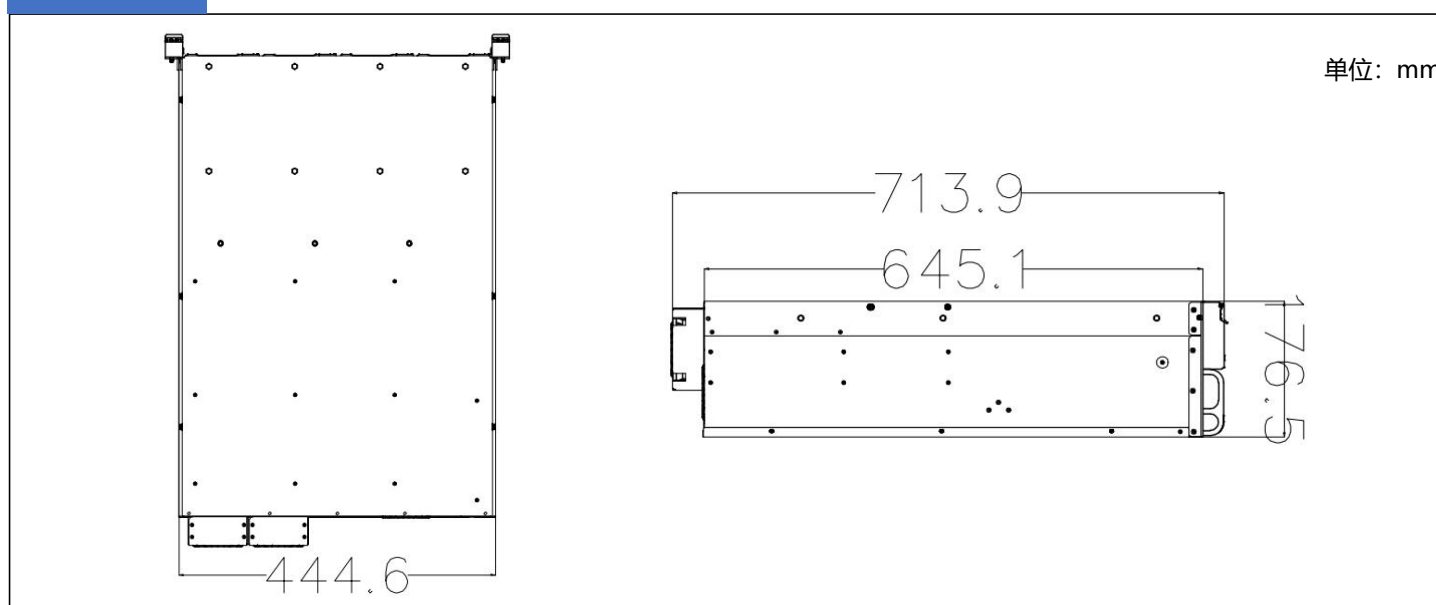


Product SPEC

CPU+PCH	1 or 2 2nd-gen Intel® Xeon® Scalable Processors, Intel® Q621 PCH
Memory	16*DDR4 memory slots supporting 2133/2400/2666/2933MHz ECC LRDIMM/RDIMM memory The maximum memory capacity of LRDIMM is 4T(16*256GB); The maximum memory capacity of RDIMM is 2T(16*128GB)
Expansion	6*PCIe3.0X16, 1*PCIe3.0X8(X4 signal), Support up to 4 RTX 4090, 4080, 4070 dual-slot full-length and full-height GPU cards; 1*M.2 22110/2280 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: 8*2.5/3.5 "SAS/SATA3.0 hot swap hard drive bay+9.5mm optical drive bay(optional 24 drive bay, no optical drive bay), support soft ware RAID 0/1/5/10 Built-in: 2*2.5" SAS/SATA hard drive bay
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、2000W、2200W 1+1 hot swap redundant power supply
Fan	Straight-line cooling air duct design, built-in 4*8038 temperature control fan, rear 2*8038 temperature control fan
LED	1*Power LED(on power button), 2*LAN LED, 1*HDD 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 fingerprint resistant galvanized steel, 19-inch rack 4U standard
Dimension	(L*W*H): 645.1*444.6*176.5mm
Net weight	Net weight:18.0kg; Gross weight: 24.0kg
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-4010-B08-2200	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, 8*3.5/2.5" SAS/SATA bay, 2*2.5" SAS/SATA bay(built-in) , 1*9.5mm optical drive bay, 6*PCIe 3.0X16, 1*PCIe3.0X8(X4 signal), 2*M.2(PCIe3.0X4), 4*8038 temperature control fan+2*8038 fan module(rear)	2200W, 1+1 redundant power supply
ICS-4010-B08-2000			2000W, 1+1 redundant power supply
ICS-4010-B08-1600			1600W, 1+1 redundant power supply
ICS-4010-B08-1200			1200W, 1+1 redundant power supply
ICS-4010-B08-800			800W, 1+1 redundant power supply
ICS-4010-B08-550			550W, 1+1 redundant power supply
ICS-4010-B24-2200		16*DDR4 LRDIMM/RDIMM, 2*LAN, 1*IPMI, 4*USB3.0, 2*USB2.0, 1*COM, 1*VGA, 24*3.5/2.5" SAS/SATA bay, 6*PCIe 3.0X16, 1*PCIe3.0X8(X4 signal), 2*M.2(PCIe3.0X4), 4*8038 temperature control fan+2*8038 fan module(rear)	2200W, 1+1 redundant power supply
ICS-4010-B24-2000			2000W, 1+1 redundant power supply
ICS-4010-B24-1600			1600W, 1+1 redundant power supply
ICS-4010-B24-1200			1200W, 1+1 redundant power supply
ICS-4010-B24-800			800W, 1+1 redundant power supply
ICS-4010-B24-550			550W, 1+1 redundant power supply
2U4HP-T023-GP	LGA3647 CPU heatsink, 205W		
CR672-1U	1U rack-mounted chassis guide rail, 672mm depth, 1 pair		