

KMDA-2632-S002

Intel Alder lake-N CPU, 1*HDMI, 8*COM, 2*LAN,
2*USB3.2+2*USB2.0, 8*DI+6*DO, 2*CAN, 2*MiniPCle,
1*mSATA, (optional) wide voltage input

JHCTECH IoT Computer Connecting the Dots

Embedded Box PC--ECC Series



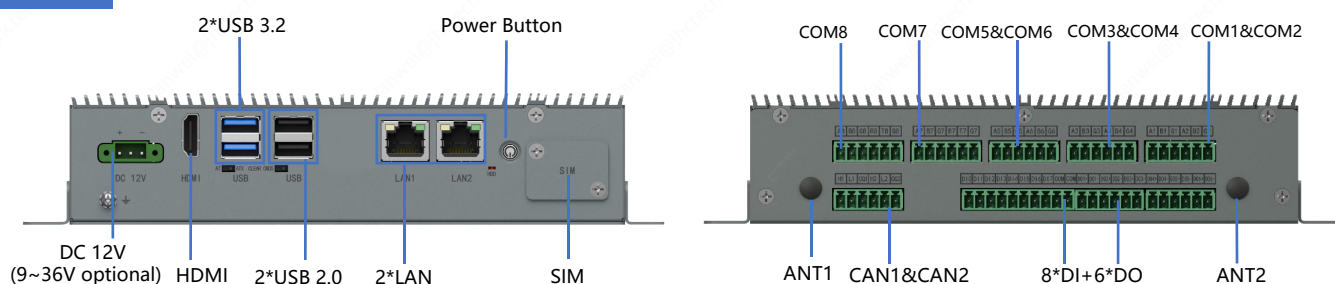
Key Features

- Intel Alder lake-N CPU, Fanless cooling design
- 1*DDR5 4800MHz SODIMM, Up to16GB
- 1*mSATA, SATA3.0 Signal
- 1*HDMI, Max 4096*2304@60Hz
- 2*LAN, 2*USB3.2+2*USB2.0
- 8*DI+6*DO indicates isolation
- 2*CAN indicates isolation
- 8*COM(2*RS232/485+6*RS485)
- 2*MiniPCle(1*MiniPCle supports 4G, with SIM slot, 1*MiniPCle with PCIeX1 and USB2.0 signals)
- DC 12V or 9 -36V(optional) power input

Description

KMDA-2632-S002, with Intel Alder lake-N series processor, it has rich I/O interfaces, built-in 2*Mini PCle expansion modules, DC12V or 9-36V (optional) wide voltage DC power supply options. The product adopts SGCC enclosure design, with exquisite and compact size, Suitable for industrial manufacturing, energy storage system integration, collaborative robots, etc

I/O View

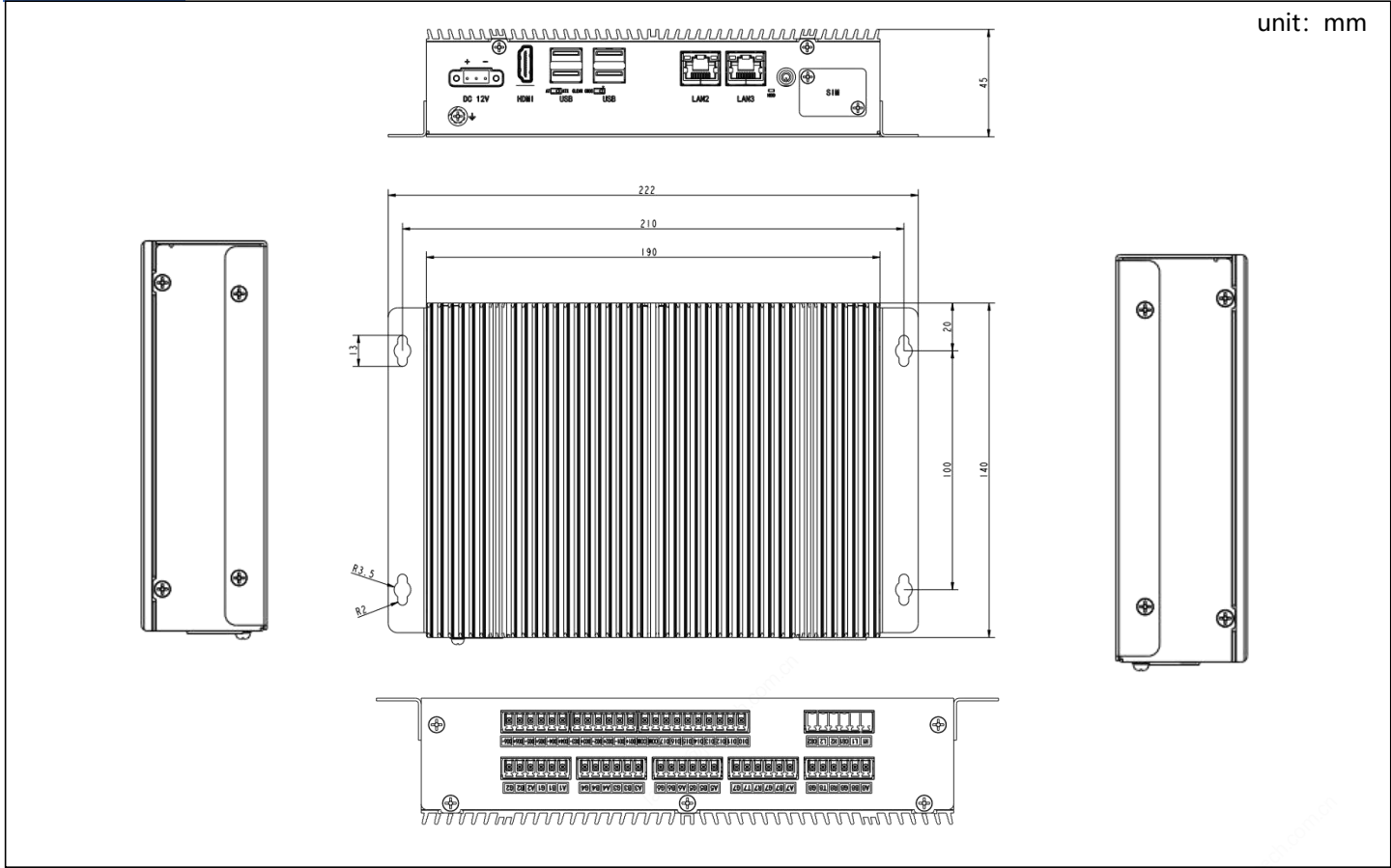


SPEC

CPU	Intel Alder lake-N CPU, 4-core 4-thread
GPU	Intel® Graphics, 24*EU, DirectX12.1, OpenGL 4.6, OpenCL 3.0, Max 4096 x 2160@60Hz
BIOS	AMI EFI BIOS, 128Mbit SPI flash memory
Memory	1*DDR5 4800 MHz SODIMM, up to 16GB
Storage	1*full-size mSATA with SATA3.0 signal and up to 6Gbps transmission speed
LAN	2*LAN with independent isolation transmitter, RTL811H-VB network chip, support 10/100/1000Mbps
USB	2*USB3.2+2*USB2.0 Type A
CAN	2*CAN, Phoenix terminal form, meets CAN2.0B standard, supports signal isolation (default 1.5KV), meets protection requirements such as static electricity, surge, pulse group, etc
COM	8*COM: 2*RS232/485+6*RS485
I/O port	8*DI input signal form is wet node input, 24V/0V high and low level, optocoupler isolation; 6*DO output signal form is relay normally open output, passive output
Display	1*HDMI
Expansion	2* full-length Mini-PCle, with PCIeX1 and USB2.0 signals, the function module can expand the PCIe signal;MiniPCle1 with SIM card slot, support 4G module; MIniPCie2 interface function is reserved
Buttons and LED	Power Btn, 1*HDD LED,1*CMOS, 1*AT/ATX
Power Supply	DC-IN: 12V or 9 to 36V wide voltage input, overvoltage and overcurrent reverse protection Power consumption: 18.35W
OS	Windows 10, Linux system

Construction	Aluminum rectangular profile cooling housing, SGCC box
Operating Temperature	-20 ~ 60°C
Storage Temperature	-40°C~85°C
Storage Humidity	10~95%@40, non-condensing
Shock	5grms/5~500Hz/ Random/Working state (mSATA)
Vibration	50g peak acceleration (11ms duration)
Mounting	Horizontal desktop installation
Dimension	(W*H*D): 222*140*45mm(Tape mounting); 190*140*45mm(No mounting kit)
Net Weight	1.32kg
EMC	CE/FCC Class A

Dimension



Ordering Info

Model	DC-IN	Description
KMDA-2632-S002	12V	Built-in box computer, INTEL N150 CPU, 8*COM, 2*USB3.1+2*USB2.0, 2*LAN, 1*HDMI, 1*mSATA, 2*Mini PCIe with PCIeX1 and USB2.0 signals (1*MiniPCIe supports 4G, with SIM card slot, Another 1*MiniPCIe expansion port is reserved), 8*DI+6*DO, 2*CAN
KMDA-2632-S002-WP	9~36V (OFX-75)	
PA-60DC12	AC/DC power adapter, DC12V@5A ,60W	