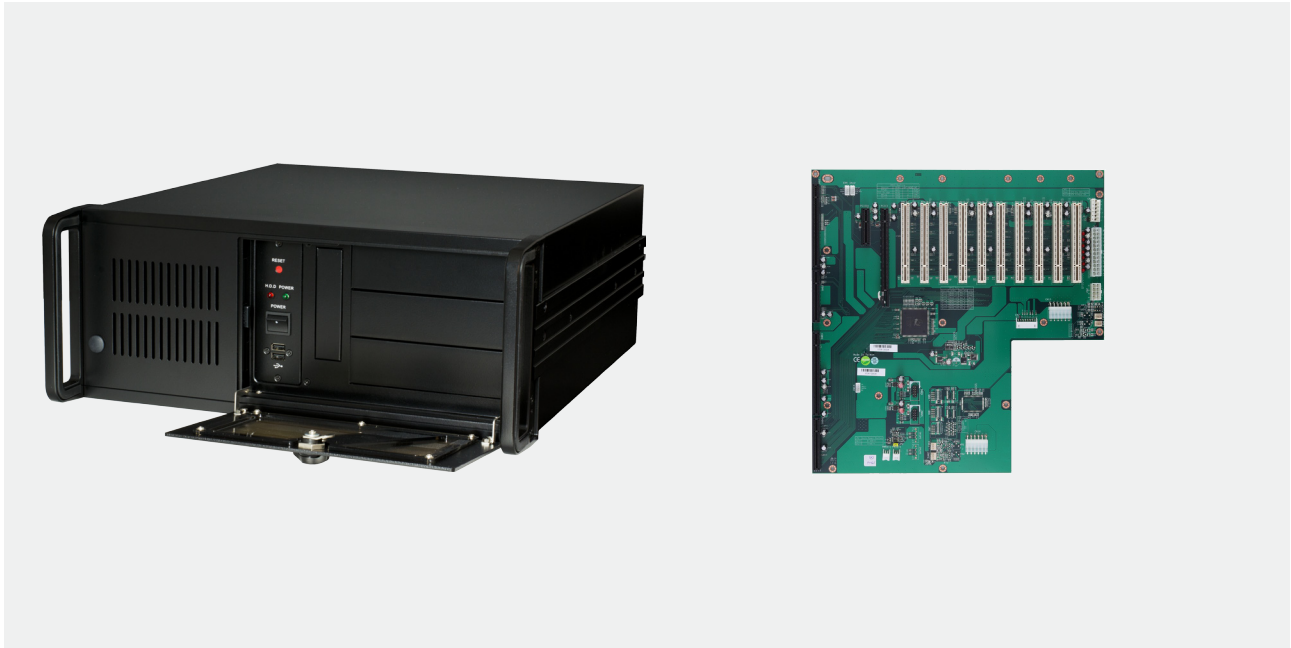


iROBO-432A5-50A2

4U Industrial 13-Slots Rackmount Computer



Specifications

CPU

- Intel® Core™ i3/i5/i7/i9 / Pentium/Celeron 12th Generation:

i9-12900	i7-12700	i5-12500	i3-12100	G7400	G6900
5.1 GHz	4.9 GHz	3.0 GHz	3.3 GHz	3.0 GHz	3.6 GHz

Memory

- 4x 288-pin DIMM sockets
- Supports up to 128GB DDR5 4400 MHz, unbuffered, None ECC or ECC

Chipset

- Intel® R680E

Graphic

- Integrated in CPU Intel® UHD Graphics 770 / 730 / 710 Support DirectX 12, OpenGL 4.5, OpenCL 2.1, Dual View
- Video ports: DVI-I, DisplayPort (Internal header)
- DVI-I: resolution up to 1920x1200 @ 60Hz
- DP++: resolution up to 4096x2304 @ 60Hz

Ethernet

- 1x Intel® i225-LM 2.5 Gigabit Ethernet Controller
- 1x Intel® i225-V 2.5 Gigabit Ethernet Controller

Storage / Drive Bays / Slots

- 2x 3.5"
- 3x 5.25" (optional pre-assembled with DVDRW)
- 1x 2280 M.2 M-Key (PCIe 4.0 x4) Slot

RAID / SATA

- 6x SATA 3.0 (Support RAID 0/1/5/10)

Expansion Slots

- 1x PCIe x16 Gen 4
- 1x PCIe x4 Gen 4
- 10x PCI 32-bit/33 MHz
- 1x 2230 M.2 E-Key Slot

Front I/O

- 2x USB 2.0

Rear I/O

- 1x DVI-I, 2x RJ45 LAN, 2x USB 3.2 Gen2

Other Internal Connectors / Functions

- 2x RS232 (external 2xDB9 cable occupied PCIe or PCI slot)
- 2x RS232/422/485 (external 2xDB9 cable occupied PCIe or PCI slot)
- 4x USB 3.2 Gen1 (external 2xUSB Type A cable occupied PCIe or PCI slot)
- 2x USB 2.0 (external 2xUSB Type A cable occupied PCIe or PCI slot)
- 1x USB 2.0 Type-A, 2x PS/2 headers, TPM 2.0 Optional, LPT

Power Supply

- Power input: 500W, 100-240V AC 50~60 Hz, 80 Plus Gold

Cooling

- 1x 120mm, 1x 80mm Cooler

Mechanical

- Heavy Duty Cold Rolled Electroplated Steel
- Mounting: optional slide-rails
- Power / Reset Button in front

Dimensions

- Dimension (W x H x D mm): 483 x 177 x 451 mm
- Weight: 15 kg

Environment

- Operating Temperature: 0°C to 50°C
- Storage Temperature: -20°C to 70°C
- Humidity: 10 ~ 90%, non-condensing

Certifications

- CE

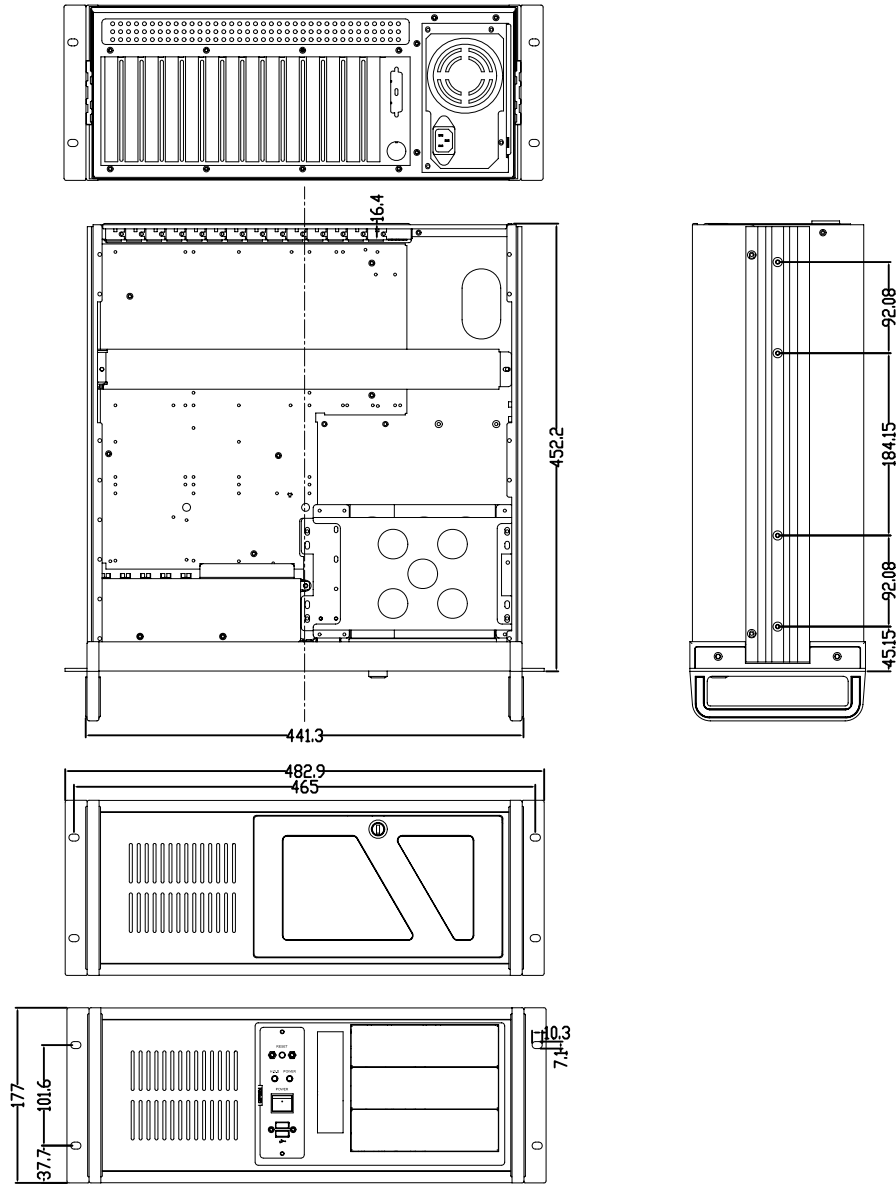
Operating System Support

- Windows 10 Pro / 10 IoT LTSC
- Optional: Windows 11 by installing TPM 2.0 module

Ordering Information

#iROBO-432A5-50A2

Dimensions



Optional Accessories

- 01- TPM 2.0 Module
- 02- 2-ports USB 2.0 cable with bracket, length 400 mm
- 03- 2-ports USB 3.2 Gen1 cable with bracket, L=400 mm
- 04- 2-ports USB 3.2 Gen2 cable with bracket, L= 400 mm
- 05- Audio slot bracket
- 06- 1-port COM cable, pitch 2.54 mm, length 300mm
- 07- 2-ports COM cable, pitch 2.54 mm, length 300mm
- 08- DisplayPort++ cable with bracket
- 09- PS/2 keyboard & mouse cable with bracket