

# iROBO-43385-50A1

## 4U Industrial 13-Slots Rackmount Computer



## Specifications

### CPU

- Intel® Core™ i3/i5/i7/i9 / Pentium/Celeron 12/13th Generation:

i9-13900	i7-13700	i5-13500	i3-13100		
5.6 GHz	5.2 GHz	2.5 GHz	3.4 GHz		
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

- 2x 262-pin SO-DIMM sockets
- Supports up to 64GB DDR5 4800 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, Triple View
- Video ports: DVI-D, DisplayPort, HDMI
- DVI-D: resolution up to 1920x1200 @ 60Hz
- DP: resolution up to 4096x2304 @ 60Hz
- HDMI: resolution up to 4096x2304 @ 30Hz

### Ethernet

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

- 4x SATA 3.0 (Support RAID 0/1/5/10)

### Expansion Slots

- 1x PCIe x16 Gen 5 non-accessible (bracket used by mainboard)
- 3x PCIe x1 Gen 3
- 8x PCI 32-bit/33 MHz

### Front I/O

- 2x USB 2.0

### Rear I/O

- 1x DVI-D, 1xHDMI, 1xDP, 2x RJ45 LAN
- 2x USB 3.2 Gen2, 1x USB 3.2 Gen2x2 Type-C

### 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)
- 2x 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 PS/2 10-pin header, TPM 2.0, 1x8-bit DIO

### 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 / Windows 11

### Ordering Information

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