

# iROBO-40705-51A3

## 4U Industrial Rackmount Computer



## Specifications

### CPU

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

i9-13900K	i9-13900	i7-13700	i5-13500	i3-13100	G7400E
5.4 GHz	5.2 GHz	5.1 GHz	2.5 GHz	3.4 GHz	3.6 GHz
	i9-12900	i7-12700	i5-12500	i3-12100	G6900E
	5.1 GHz	4.9 GHz	3.0 GHz	3.3 GHz	3.0 GHz

### Memory

- 4x 288-pin DIMM sockets
- Supports up to 192GB DDR5 3600/4000/4400 MHz, unbuffered, None ECC or ECC

### Chipset

- Intel® W680

### Graphic

- Integrated in CPU Intel® UHD Graphics 770 / 730 / 710  
Support DirectX 12, OpenGL 4.5, OpenCL 2.1, Triple View
- Video ports: HDMI, Display Port, VGA
- DP++ 1.4a: resolution up to 4096x2160 @ 60Hz
- HDMI 2.0b: resolution up to 4096x2160 @ 60Hz
- VGA: resolution up to 1920x1200 @ 60Hz

### Ethernet

- 1x Intel® I226LM 2.5 Gigabit Ethernet Controller, supports vPro
- 2x Intel® I226V 2.5 Gigabit Ethernet Controller

### Storage / Drive Bays / Slots

- 2x 3.5"
- 3x 5.25" (optional pre-assembled with DVDRW)
- 2x 2242/2260/2280/22110/25110 M.2 M-Key (1xPCIe x4 Gen4, 1xPCIe x4 Gen3) Slots

### RAID / SATA

- 8x SATA 3.0 (Support RAID 0/1/5/10)

### Expansion Slots

- 2x PCIe x16 Gen 5 (1 x16 signal or 2 x8 signal)
- 2x PCIe x4 Gen 4
- 3x PCIe x1 Gen 3
- 1x 2230 M.2 E-Key (PCIe x1, USB 2.0) Slot
- 1x 3042/3052 M.2 B-Key (PCIe x1, USB 3.2 Gen1, USB 2.0) Slot w/SIM

### Front I/O

- 2x USB 2.0

### Rear I/O

- 1x DP, 1x HDMI, 1x VGA, 3x RJ45 LAN, 2x DB9 RS232/422/485
- 5x USB 3.2 Gen2 Type-A, 1x USB 3.2 Gen2 Type-C,
- Line-in/out, Mic-in

### Other Internal Connectors / Functions

- 4x COM RS232, 2x USB 2.0 Type-A
- 2x USB 3.2 Gen1, 1x Thunderbolt header
- 1x LPT/16-bit GPIO, 1x PS/2 header, TPM Onboard

### 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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