

# iROBO-40255-37T1

## 4U Industrial Rackmount Computer



## Specifications

### CPU

- Intel® Core™ i3/i5/i7 9th/8th Generation:

i7-9700	i5-9500	i5-9500TE	i3-9100TE
3.0 GHz	3.0 GHz	2.2 GHz	2.2 GHz

### Memory

- 4x 288-pin DIMM sockets
- Supports up to 128GB DDR4 2666/2400, unbuffered, None ECC

### Chipset

- Intel® Q370

### Graphic

- Integrated in CPU Intel® UHD Graphics 630  
Support DirectX 12, OpenGL 5.0, OpenCL 2.1, Triple View
- Video ports: VGA, DVI-I (DVI-D signal), Display Port
- DP++: resolution up to 4096x2160 @ 24Hz
- DVI-I: resolution up to 1920x1200 @ 60Hz
- VGA: resolution up to 1920x1200 @ 60Hz

### Ethernet

- 1x Intel® i211AT PCIe Gigabit Ethernet Controller
- 1x Intel® i219LM PHY with iAMT 12.0 (only Core i7/i5 supports iAMT)

### Storage / Drive Bays / Slots

- 2x 3.5"
- 3x 5.25" (optional pre-assembled with DVDRW)
- 1x 2280/2260 M.2 M-Key (PCIe x4 Gen3) NVMe Slot

### RAID / SATA

- 5x SATA 3.0
- Support RAID 0/1/5/10

### Expansion Slots

- 1x PCIe x16 Gen 3
- 1x PCIe x4 Gen 3
- 5x PCI 32 bit / 33 MHz
- 1x Full-sized Mini PCIe (PCIe x1/USB2.0/SATA 3.0, mSATA support) Slot

### Front I/O

- 2x USB 2.0

### Rear I/O

- 1x VGA, 1x DVI-I, 1x DP, 2x RJ45 LAN, 1x DB9 RS232/422/485
- 4x USB 3.1 Gen1, 2x USB 2.0, 1x PS/2
- Line-out, Mic-in

### Other Internal Connectors / Functions

- 4x RS232 2.54 mm pitch, 1x RS232/422/485 2.54mm pitch
- 2x USB 2.0, 2x USB 3.1 Gen1 2.00 mm pitch
- Infineon TPM V2.0, 1x 8-bit DIO, 1x SMBus

### Power Supply

- Power input: 500W, 100-240V AC 50~60 Hz, 80 Plus Gold
- Optional : 450W /500W Redundant PSU

### 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

### Ordering Information

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