

iROBO-40525-48W1

4U Industrial Rackmount Computer



Specifications

CPU

- Intel® Core™ i3/i5/i7/i9 10th Generation:

i9-10900E	i7-10700	i7-10700E	i5-10500	i5-10500E	i3-10100E
2.8 GHz	2.9 GHz	2.9 GHz	3.1 GHz	3.1 GHz	3.2 GHz

Memory

- 4x 288-pin DIMM sockets
- Supports up to 128GB DDR4 2400/2666/2933 MHz, unbuffered, None ECC or ECC

Chipset

- Intel® W480E

Graphic

- Integrated in CPU Intel® UHD Graphics 630
Support DirectX 12, OpenGL 4.5, OpenCL 2.1, Triple View
- Video ports: HDMI, Display Port, VGA
- DP++: resolution up to 4096x2160 @ 60Hz
- HDMI 1.4b: resolution up to 4096x2160 @ 24Hz
- VGA: resolution up to 1920x1200 @ 60Hz

Ethernet

- Intel® i211AT Gigabit Ethernet Controller
- Intel® i219LM with iAMT 12.0 (only Core i9/i7/i5 supports iAMT)

Storage / Drive Bays / Slots

- 2x 3.5"
- 3x 5.25" (optional pre-assembled with DVDRW)
- 1x 2242/2260/2280 M.2 M-Key (PCIe 3.0 x4) NVMe/SATA Slot
- 1x 2242/2260/2280 M.2 M-Key (PCIe 3.0 x4) NVMe Slot

RAID / SATA

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

Expansion Slots

- 2x PCIe x16 Gen 3 (1 x16 signal or 2 x8 signal)
- 3x PCIe x4 Gen 3 (2 x4 signal and 1 x1 signal)
- 2x PCI

Front I/O

- 2x USB2.0

Rear I/O

- 1x VGA, 1x DP, 1x HDMI, 2x RJ45 LAN, 1x DB9 RS232/422/485
- 2x USB 3.2 Gen2 Type-A, 2x USB 3.2 Gen1 Type-A, 4x USB 2.0
- Line-out, Mic-in

Other Internal Connectors / Functions

- 4x RS232, 1x RS232/422/485, 2x USB 2.0, 1x USB 2.0 Type-A
- LPC header (TPM Optional), PS/2 connector, 1x 16-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 by upgrade with Mainboard with TPM2.0

Ordering Information

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