

iROBO-40525-47W2

4U Industrial Rackmount Computer



Specifications

CPU

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

i9-10900TE	i9-10900E	i9-10900T	i7-10700TE	i7-10700E	i7-10700T
1.8 GHz	2.8 GHz	1.9 GHz	2.0 GHz	2.9 GHz	2.0 GHz
i5-10500TE	i5-10500E	i5-10500T	i3-10100TE	i3-10100E	i3-10100T
2.3 GHz	3.1 GHz	2.3 GHz	2.3 GHz	3.2 GHz	3.0 GHz

Memory

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

Chipset

- Intel® Q470E

Graphic

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

Ethernet

- 1x Intel® i210AT Gigabit Ethernet Controller (iBMC supported)
- 1x Intel® i219LM 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 x4)

RAID / SATA

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

Expansion Slots

- 1x PCIe x16 Gen 3
- 4x PCIe x4 Gen 3 (3 x4 signal and 1 x1 signal)
- 2x PCI 32 bit / 33 MHz

Front I/O

- 2x USB2.0

Rear I/O

- 1x VGA, 1x DVI-D, 1x DP, 2x RJ45 LAN, 1x DB9 RS232
- 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 3.2 Gen1, 2x USB 2.0, 2x USB 2.0 Type-A
- LPC header (TPM Optional), PS/2 connector, 1x 8-bit GPIO

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 TPM 2.0

Ordering Information

#iROBO-40525-47W2