

iROBO-20616-37A1

2U Industrial Rackmount Computer



Specifications

CPU

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

i7-9700	i7-9700TE	i5-9500E	i5-9500TE	i5-9500	i3-9100TE
3.0 GHz	1.8 GHz	3.0 GHz	2.2 GHz	3.0 GHz	2.2 GHz
i7-8700	i7-8700T	i5-8500	i5-8500T	i3-8100T	i3-8100
3.2 GHz	2.4 GHz	3.0 GHz	2.1 GHz	3.1 GHz	3.6 GHz

Memory

- 4x 288-pin DIMM sockets
- Supports up to 128GB DDR4 2666/2400 unbuffered non-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: 1x VGA, 2x DP++
- DP++: resolution up to 4096x2160 @ 30Hz
- VGA: resolution up to 1920x1200 @ 60Hz

Ethernet

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

Storage / Drive Bays / Slots

- 5x 3.5"
- 1x 5.25" (optional pre-assembled with DVDRW)
- 1x 2280/2260/2242 M.2 M-Key (PCIe x4) NVMe Slot

RAID / SATA

- 4x SATA 3.0 shared with mini PCIe (Support RAID 0/1/5/10)

Expansion Slots

- 2x PCIe x16 Gen 3 Low Profile
- 3x PCIe x4 Gen 3 Low Profile
- 1x PCIe x1 Gen 3 Low Profile
- 1x PCI 32 bit / 33 MHz Low Profile
- 1x Full-sized Mini PCIe (PCIe + USB 2.0/SATA) Slot

Front I/O

- 2x USB 2.0

Rear I/O

- 1x VGA, 2x DP++, 2x RJ45 LAN, 1x DB9 RS232/422/485, 1x PS/2
- 2x USB 3.1 Gen2, 2x USB 3.1 Gen1, 2x USB 2.0, Line-out, Mic-in

Other Internal Connectors / Functions

- 4x RS232 2.54 mm pitch, 1x RS232/422/485 2.54mm pitch
- 1x USB 2.0, 2x USB 3.1 Gen1 19-pin heade, 1x USB 2.0 Type A
- 1x 8-bit DIO, 1x SMBus

Power Supply

- Power input: 500W, 100-240V AC 50~60 Hz, 80 Plus Gold

Cooling

- 1x 80x80 mm Cooler

Mechanical

- Mounting: optional slide-rails
- Power / Reset Button in front

Dimensions

- Dimension (W x H x D mm): 483 x 88.1 x 430 mm
- Weight: 10 kg

Operating System

- Windows 10 Pro / 10 IoT LTSC
- Optional: Windows 11 by upgrade with Mainboard with TPM2.0

Environment

- Operating Temperature: 0°C to 50°C
- Storage Temperature: -20°C to 70°C
- Humidity: 10 ~ 90%, non-condensing

Certifications

- CE

Ordering Information

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