

iROBO-3042A-51A2

3U Industrial Rackmount Computer



Specifications

CPU

- Intel® Core™ i3/i5/i7/i9/Pentium/Celeron 12th/13th/14th Generation:

| i9-14900 | i7-14700 | i5-14500 | i3-14100 | i9-13900 | i7-13700 | i5-13500 | i3-13100 |
|----------|----------|----------|----------|----------|----------|----------|----------|
| 5.8 GHz | 5.4 GHz | 2.6 GHz | 3.5 GHz | 5.6 GHz | 5.2 GHz | 2.5 GHz | 3.4 GHz |
| i9-12900 | i7-12700 | i5-12500 | i3-12100 | G6900E | G7400E | | |
| 5.1 GHz | 4.9 GHz | 3.0 GHz | 3.3 GHz | 3.6 GHz | 3.0 GHz | | |

Memory

- 4x 288-pin DIMM sockets
- Supports up to 128GB DDR4 3200 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 4096x2304 @ 60Hz
- HDMI 2.0b: resolution up to 4096x2160 @ 60Hz
- VGA: resolution up to 1920x1200 @ 60Hz

Ethernet

- 1x Intel® i225LM 2.5 Gigabit Ethernet Controller, supports vPro
- 2x Intel® i225LM/i225V 2.5 Gigabit Ethernet Controller

Storage / Drive Bays / Slots

- 8x 3.5"
- 2x 5.25" (optional pre-assembled with DVDRW)
- 1x 2260/2280/22110 M.2 M-Key (PCIe x4 Gen4), supports SSD
- 1x 2230 M.2 E-Key (supports CNVi)
- 1x 3042/3052 M.2 B-Key (supports 4G/5G/LTE)

RAID / SATA

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

Expansion Slots

- 2x PCIe x16 Gen 4 (1 x16 signal or 2 x8 signal)
- 2x PCIe x4 Gen 4
- 1x PCIe x4 Gen 3
- 2x PCI 32-bit/33 MHz

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, 1x USB 3.2 Gen2x2 Type-C, Line-in/out, Mic-in

Other Internal Connectors / Functions

- 4x RS232, 2x USB 2.0, 2x USB 3.2 Gen1, 1x Thunderbolt header
- 1x 16-bit GPIO, TPM 2.0, 1x PS/2 header

Power Supply

- Power input: 550W Redundant PSU, 100-240V AC 50~60 Hz, 80 Plus Silver

Cooling

- 2x 92mm, 2x 60mm 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 133 x 526 mm
- Weight: 17 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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