

iROBO-40255-19R

4U Industrial Rackmount Computer



Specifications

CPU

- Intel® Core™ i3/i5/i7 6th Generation:

i7-6700	i5-6500	i7-6700TE	i5-6500TE	i3-6100TE
3.4 GHz	3.2 GHz	2.4 GHz	2.3 GHz	2.7 GHz

Memory

- 2x 240-pin DIMM sockets
- Supports up to 16GB DDR3L 1600, unbuffered, None ECC

Chipset

- Intel® H110

Graphic

- Integrated in CPU Intel® UHD Graphics 530
Support DirectX 12, OpenGL 5.0, OpenCL 2.1, Triple View
- Video ports: HDMI, VGA, DVI-I (DVI-D Signal)
- VGA: resolution up to 1920x1200 @ 60Hz
- DVI-D: resolution up to 1920x1200 @ 60Hz
- HDMI: resolution up to 4096x2160 @ 24Hz

Ethernet

- 1x Intel® i210AT Gigabit Ethernet Controller
- 1x Intel® i219V Gigabit Ethernet Controller

Storage / Drive Bays / Slots

- 2x 3.5"
- 3x 5.25" (optional pre-assembled with DVDRW)

RAID / SATA

- 4x SATA 3.0

Expansion Slots

- 1x PCIe x16 Gen 3
- 1x PCIe x4 Gen 2
- 5x PCI 32 bit / 33 MHz

Front I/O

- 2x USB 2.0

Rear I/O

- 1x VGA, 1x DVI-D, 1xHDMI, 2x RJ45 LAN, 1x PS/2 (for KB/M)
- 4x USB 3.0, 2x USB 2.0, 1x DB9 RS232/422/485, Line-out, Mic-in

Other Internal Connectors / Functions

- 4x RS232, 1x RS232/422/485
- 2x USB 2.0, 1x 8-bit DIO, 1x SMBus, LPC header (TPM Optional)

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-40255-19R