

iROBO-IBX60-8TLW

Fanless Embedded Computer



Specifications

CPU

- Intel® Core™ i3/i5/i7 / Celeron 11th Generation:
 - Intel® Core™ i7-1165G7 4.4GHz
 - Intel® Core™ i5-1135G7 4.2GHz
 - Intel® Core™ i3-1115G4 4.1GHz
 - Intel® Celeron™ 6305E 1.8GHz

Memory

- 2x 260-pin SO-DIMM sockets
- Supports up to 64GB DDR4 3200 unbuffered non-ECC

Chipset

- Intel SoC Integrated

Graphic

- Integrated in CPU Intel® Iris® Xe (G7) / Intel® UHD (G4)
Support DirectX 12.1, OpenGL 4.6, OpenCL 3.0
- Video ports: 2x HDMI, Optional internal 1x LVDS/eDP
- HDMI: resolution up to 4096x2304 @ 60Hz
- LVDS / eDP: resolution up to 1920x1200 / 4096x2304 @ 60Hz

Ethernet

- 2x Intel® Gigabit Ethernet Controller

Storage / Drive Bays / Slots

- 1x 2.5"
- 1x 2280 M.2 Type M (SATA 3.0 or PCIe x4) NVMe Slot
- 1x 2230 M.2 Type E (PCIe + USB 2.0) Slot, Support Wifi + BT

RAID / SATA

- 1x SATA 3.0

Expansion Slots

- 1x Mini PCI-E (PCIe + USB 2.0) Slot, Support Wifi + 3G/4G

Rear I/O

- 2x HDMI, 2x RJ45 LAN, 6x USB3.0, 1x Line-Out + MIC-In Combo Jack
- Optional - 1x 8-bit GPIO, 2x COM/2x LAN/2x PoE/2x USB, 6x Antenna holes for Wifi/BT/3G/4G/5G

Other Internal Connectors

- 1x 8-bit GPIO (Optional), 3x RS232, 2x RS232/TTL, 1xRS232/485/TTL
- 1x LVDS/eDP
- 4x USB 2.0

Power Supply

- Power input: 9-36V Terminal Block connector
- Optional: 12V DC Jack connector

Cooling

- Passive Cooling

Mechanical

- Fanless Design, Metall chassis
- Mounting: VESA-mounting 100x100mm, optional DIN-Rail mount
- Power / Reset Button in front

Dimensions

- Dimension (W x H x D mm): 182.12 x 59.85 x 130 mm
- Weight: 1.2 kg

Environment

- Operating Temperature: -20°C to 60°C
- Storage Temperature: -20°C to 70°C
- Humidity: 10 ~ 95%, non-condensing

Certifications

- CE / FCC

Ordering Information

- #iROBO-IBX60-8TLW-C6
- #iROBO-IBX60-8TLW-i3
- #iROBO-IBX60-8TLW-i5
- #iROBO-IBX60-8TLW-i7