

# iROBO-IBX60-8J6W

## Fanless Embedded Computer



## Specifications

### CPU

- Intel® Celeron formerly Elkhart Lake:  
Intel® Celeron™ J6412 2.0GHz

### Memory

- 1x 260-pin SO-DIMM sockets
- Supports up to 16GB DDR4 3200/2933 unbuffered non-ECC

### Chipset

- Intel SoC Integrated

### Graphic

- Integrated in CPU Intel® UHD Graphics 10th Gen  
Support DirectX 12, OpenGL 4.5, OpenCL 2.x
- 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 x2) NVMe Slot
- 1x 3052 M.2 Type B (USB 3.0/2.0) Slot

### RAID / SATA

- 1x SATA 3.0

### Expansion Slots

- 1x Mini PCI-E (PCIe + USB 2.0/SATA) Slot

### Rear I/O

- 2x HDMI, 2x RJ45 LAN, 3x USB 3.0, 3x USB 2.0, 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

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