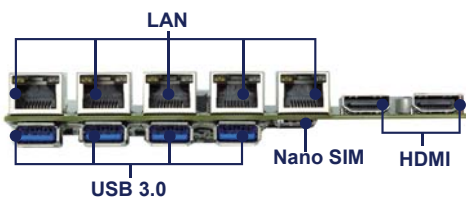
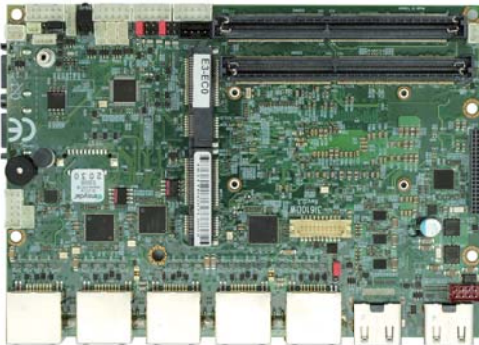


# 3I610DW

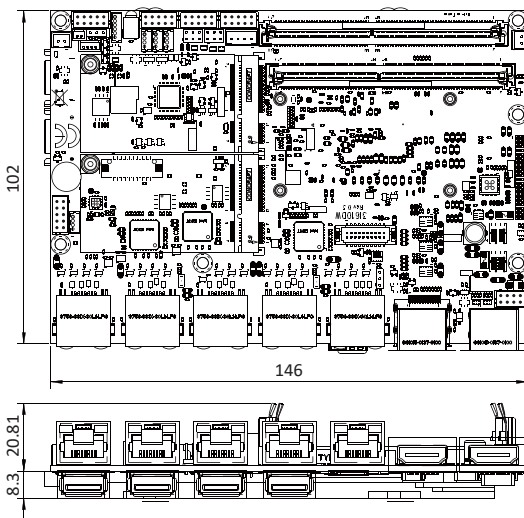
3.5" SBC supports 6th / 7th Gen Intel® Skylake-U / Kaby Lake-U CPU  
 2 x HDMI, eDP, 5 x Intel Gb Ethernet, 7 x USB, 2 x COM  
 4DI / 4DO, 2 x Mini PCIe, 1 x Nano SIM, LEX eIO, SMBus



## Features:

- 6th / 7th Gen Intel® Skylake-U / Kaby Lake-U, i7 / i5 / i3 / Celeron CPU
- 2 x DDR4 SODIMM socket, Max. 64GB
- Multiple Independent display: 2 x HDMI & eDP
- 5 x Intel GbE LAN, 4 x USB 3.0, 3 x USB 2.0, 4DI / 4DO
- 2 x COM, 2 x Mini PCIe, 1 x Nano SIM, LEX eIO, SMBus
- TPM 2.0 (Optional)

## Dimensions: (Unit:mm)



## Specifications :

- CPU  
6th / 7th Gen Intel® Skylake-U / Kaby Lake-U, i7 / i5 / i3 / Celeron CPU
- MB Chipset  
Intel® Skylake-U / Kaby Lake-U SoC
- Graphics  
Intel® HD Graphics, Support DirectX 12 & OpenGL 4.4 / 4.5
- System Memory  
2 x DDR4 1866 / 2133 MHz SODIMM, Max. 64GB
- Storage  
1 x mini card socket for mSATA  
2 x SATA ports 3.0 Data transfer rates up to 6.0 Gb/s (600 MB/s)
- BIOS  
Insyde UEFI BIOS
- Display  
2 x HDMI, eDP
- TPM  
TPM 2.0 (Option)
- LAN  
1 x Intel GbE I219LM (external), 4 x Intel GbE (external)
- Audio (OEM)  
High Definition Audio Specification, Support Line-out / Mic-in / Line-in  
Two channel Class D Audio Amplifier
- Expansion Interface  
1 x Full size Mini PCIe (mSATA / USB)  
1 x Full size Mini PCIe (PCIe / USB)  
1 x Nano SIM  
LEX eIO 1 x PCIe + USB

### Expansion Module

<b>Converter Card</b>	CN066: Mini PCIe to M.2 E key 2230, WiFi 6 + BT
<b>Mini Card</b>	GPS, 3G / 4G, WI-FI, 2 / 4 x LAN, 4 x COM, CANBus, SDI / AHD Video
<b>By Cable</b>	Bluetooth, Digital I/O, 2 / 4 PoE, 4 x USB mini card

- USB  
4 x USB 3.0 (external) ; 3 x USB 2.0 (internal)
- USB Expansion  
USB to COM, Mini Card, M.2, Audio board
- Serial IO  
2 x RS232 / 422 / 485 (internal)  
\*COM1, COM2 pin9 5V / 12V selectable by jumper
- GPIO  
Hardware digital Input & Output, 4 x DI / 4 x DO

- SMBus  
1 x SMBus
- WDT  
Hardware Watch Dog Timer, 0~255 sec programmable
- PS2 KB / MS  
PS2 KB / MS (internal)
- Power Input  
Wide Range +9~36V
- Dimension  
3.5" (146 x 102 mm)
- Operation Temperature (100 % CPU Usage)  
-20°C~70°C (Core i7 6600U)
- Operation Humidity  
5~95%, non-condensing
- Chassis (OEM I/O Expansion by request)  
Box PC: MIRO 3, SKY 3, TASK
- OS Support

### 7th Generation Intel® Core™ Processor family: Kaby Lake

Windows® 10 IOT (64bit)  
 Ubuntu 16.04.3 above, Fedora 26 above, CentOS 7.4 above

### 6th Generation Intel® Core™ Processor family: Skylake

Windows® 10 IOT (64bit) / Windows® 8.1 (64bit)  
 Windows® Embedded 8 Standard (64bit) / Windows® 7 (64bit)  
 Windows® Embedded Sta 7 (64bit)  
 Ubuntu 16.04.3 above, Fedora 26 above, CentOS 7.4 above

Specification are subject to change without prior notice. ODM / OEM is available.