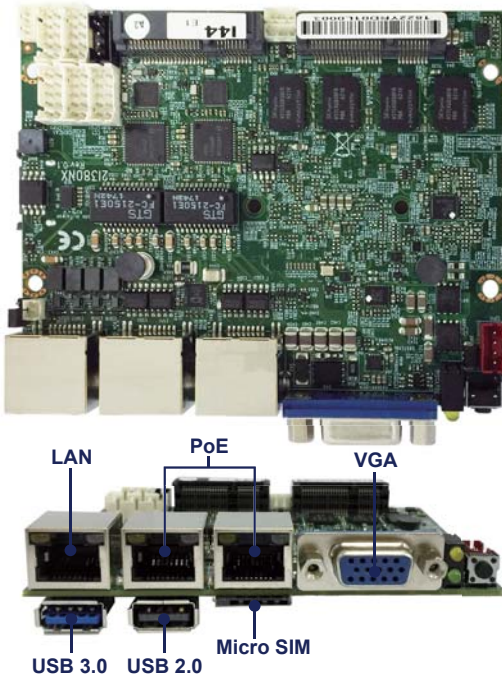


2I380NX

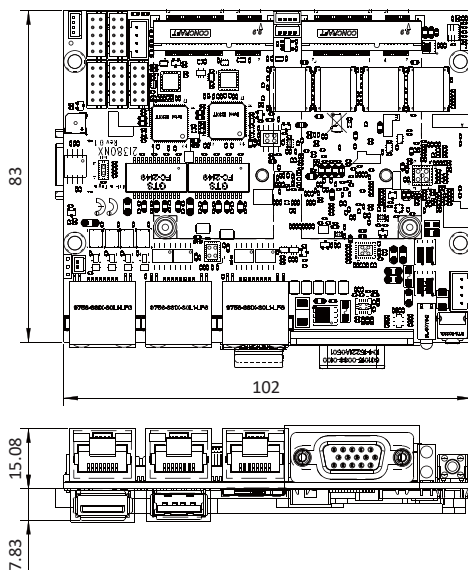
Pico-ITX SBC supports Intel® Bay Trail Atom / Celeron CPU
 2 x PoE, 1 x Intel Gb Ethernet, VGA
 4DI / 4DO, 4 x USB, 2 x COM, 2 x Mini PCIe, 1 x Micro SIM, SMBus



Features:

- Intel® Bay Trail-H Atom™ E3825 1.33GHz (Dual Core)
 Intel® Bay Trail-H Atom™ E3845 1.91 GHz (Quad Core)
 Intel® Bay Trail-D Celeron® J1900 2.0GHz (Quad Core)
- On Board DDR3L 1066 / 1333 MHz 2GB / 4GB
- Independent display: VGA
- 2 x PoE, 1 x Intel GbE LAN, 1 x USB 3.0, 3 x USB 2.0
- 2 x COM, 4DI / 4DO, 2 x Mini PCIe, 1 x Micro SIM, SMBus

Dimensions: (Unit:mm)



Specifications :

- CPU
 Intel® Bay Trail-H Atom™ E3825 1.33GHz (Dual Core)
 Intel® Bay Trail-H Atom™ E3845 1.91 GHz (Quad Core)
 Intel® Bay Trail-D Celeron® J1900 2.0GHz (Quad Core)
- MB Chipset
 Intel® Bay Trail SoC
- Graphics
 Intel Gen7 graphic engine
 DirectX11, OpenGL3.2, OpenCL1.1 ; Full HW acceleration,
 decode: H.264, MPEG 2 / 4, VC-1, WMV9. Encode: H.264, MPEG2
- System Memory
 On Board DDR3L 1066 / 1333 MHz 2GB / 4GB
- Storage
 1 x SATA ports 2.0 Data transfer rates up to 3.0 Gb/s (300 MB/s), Share with mSATA 1
 2 x mini card socket for mSATA
- BIOS
 Insyde UEFI BIOS
- Display
 1 x VGA
- LAN
 2 x Intel GbE (PoE) (external)
 1 x Intel GbE (external)
- Audio (OEM)
 High Definition Audio Specification, Support Line-out / Mic-in / Line-in
- Expansion Interface
 1 x Full size Mini PCIe (mSATA / USB)
 1 x Full size Mini PCIe (PCIe / mSATA / USB)
 1 x Micro SIM

Expansion Module

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

- USB
 1 x USB 3.0 (external), 1 x USB 2.0 (external)
 2 x USB 2.0 (internal)-share Mini PCIe
- USB Expansion
 USB to COM, Mini Card, M.2, Audio board
- Serial IO
 2 x RS232 / 422 / 485 (internal)
 *COM1, COM2 pin9 5V / 12V (Option)
- GPIO
 Hardware digital Input & Output, 4 x DI / 4 x DO
- SMBus
 1 x SMBus
- WDT
 Hardware Watch Dog Timer, 0~255 sec programmable
- Power Input
 Wide Range +9~36V
- Dimension
 Pico-ITX 2.5" (102 x 83 mm)
- Operation Temperature
 -20°C~70°C (100 % CPU Usage)
- Operation Humidity
 5~95%, non-condensing
- Chassis (OEM I/O Expansion by request)
 Box PC: TERA, SKY 2, MIRO 2
- OS Support

Windows® 10 IOT (64bit), Windows® 8.1 (64bit), Windows® Embedded 8 Standard (64bit),
 Windows® 7 (32 / 64bit), Windows® Embedded Standard 7 Runtime,
 Ubuntu 14.10 above, Fedora 25 above, Debian 8 above, CentOS 7.3 above,
 Mint 18.1 above

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