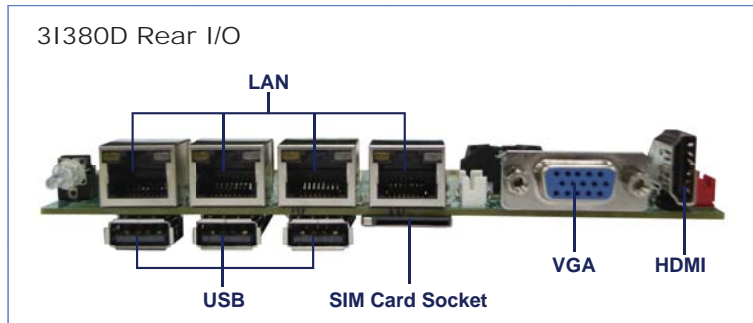




31380D Series

Back Panel



- Intel® Bay Trail-I E3815 / Bay Trail-D J1900 CPU, 3.5" SBC, On Board or SODIMM DDR3L Memory, VGA/COM, HDMI, 4 x Intel Gb Ethernet, 2 x Mini PCIe, 2 x COM, 1 x SIM card socket, 7 x USB

Features

- Embedded Intel® Bay Trail-I E3815 / Bay Trail-D J1900 CPU / chipset
- On Board 2GB or SODIMM DDR3L
- Multiple Independent display: VGA & HDMI
- 4 x Intel I211AT GbE LAN, 1 x USB 3.0, 6 x USB 2.0, 2 x COM
- 2 x Mini PCIe, HD Audio
- 1 x SIM card socket (Optional with Mirco SD)

Specification:

MODEL	31380D
CPU Type	Bay Trail-I E3815 1.46GHz (Single core processor) Bay Trail-D J1900 (Quad Core)
MB Chipset	Intel Bay Trail-I E3815 / Bay Trail-D J1900 chipset
BIOS	Insyde UEFI BIOS
Graphics	Intel's 7th generation (Gen 7) graphics and media encode/decode engine, Supports DX*11, OpenGL 3.0 (OGL 3.0), OpenCL 1.2 (OCL 1.2), OpenGLES 2.0
System Memory	Onboard DDR3L 2GB for E3815 / DDR3L SODIMM Max up to 4GB for J1900
NAND flash memory	On board SSD 4 / 8 / 16 / 32 GBytes (optional)
SATA	1 x SATA ports 2.0 Data transfer rates up to 3.0 Gb/s (300 MB/s) 1 x mini card socket for mSATA
Audio	High Definition Audio Specification, Support Line-out / Mic-in / Line-in
LAN	4 x Intel I211AT 10 / 100 / 1000 Mbps
IO Function	2 x RS232 optional to RS422 or RS485 (internal-COM1 can be external ; optional with VGA connector)
USB	1 x USB 3.0 (internal) ; 3 x USB 2.0 (external) ; 3 x USB 2.0 (internal) ; 2 x share with mini card)
HDMI	1 x HDMI 1.3a (Type A 19 Pin)
DIO & WDT	Hardware digital Input & Output, 4 x DI / 4 x DO (optional) Hardware Watch Dog Timer, 0~255 sec programmable
Expansion Interface	1 x PCIe Mini Card (USB + SIM card) 1 x PCIe Mini Card (USB + mSATA Gen II)
Power	DC-IN +12V
Dimension	145 x 102 mm (3.5 inch)
Operation Temperature	-20°C ~ 70 °C
Operation Humidity	5 ~ 95%, non-condensing
Expansion	GPS, IEEE1394, 3G / 4G, Bluetooth, WI-FI, I/O, Video Card
Chassis	Box PC: UNO, TWITTER, TIGER