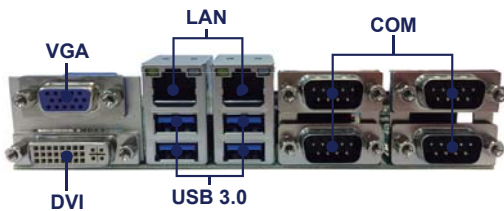


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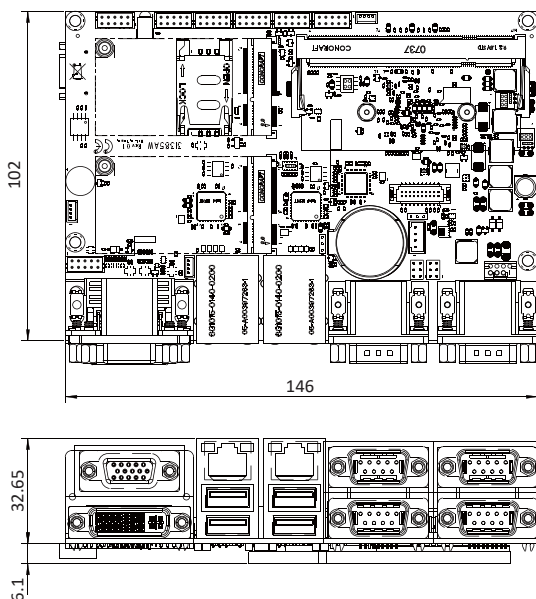
3.5" SBC supports Intel® Bay Trail Atom / Celeron CPU
 VGA, DVI, 2 x Intel Gb Ethernet,
 8DI / 8DO, 5 x USB, 6 x COM, 2 x Mini PCIe, 1 x SIM, SMBus



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)
- 1x DDR3L SODIMM, Max. 8GB
- Multiple independent display: VGA & DVI
- 2 x Intel GbE LAN, 4 x USB 3.0, 1 x USB 2.0
- 6 x COM, 8DI / 8DO, 2 x Mini PCIe, 1 x SIM, SMBus

Dimensions: (Unit:mm)



Specifications :

- CPU
 - Intel® Bay Trail-H Atom™ E3815 1.46GHz (Single 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
 - 1 x DDR3L 1066 / 1333 MHz SODIMM, Max. 8GB
- Storage
 - 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
- BIOS
 - Insyde UEFI BIOS
- Display
 - 1 x VGA, 1 x DVI
- LAN
 - 2 x Intel GbE (external)
- Audio
 - (Option) High Definition Audio Specification, Support Line-out / Mic-in / Line-in
 - (Option) Two channel Class D Audio Amplifier
- Expansion Interface
 - 1 x Full size Mini PCIe (PCIe / mSATA / USB)
 - 1 x Full size Mini PCIe (PCIe / USB)
 - 1 x 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
 - 4 x USB 3.0 (external), 1 x USB 2.0 (internal)
 - 2 x USB 2.0 (internal)-share Mini PCIe
- USB Expansion
 - USB to COM, Mini Card, M.2, Audio board
- Serial IO
 - 4 x RS232 / 422 / 485 (external)
 - 2 x RS232 (internal) optional to RS422 / 485
 - *COM1, COM3 pin9 5V / 12V selectable by jumper
 - *COM2, COM4 pin9 5V / 12V (Option)

- GPIO
 - Hardware digital Input & Output, 8 x DI / 8 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
 - 20°C~70°C (100 % CPU Usage)
- Operation Humidity
 - 5~95%, non-condensing
- Chassis (OEM I/O Expansion by request)
 - Box PC: TWITTER, TIGER, MIRO 3
- 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.