

1I385H

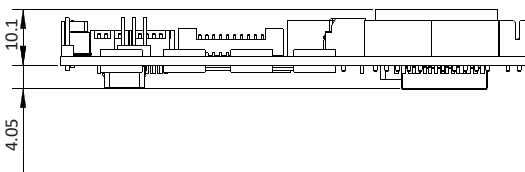
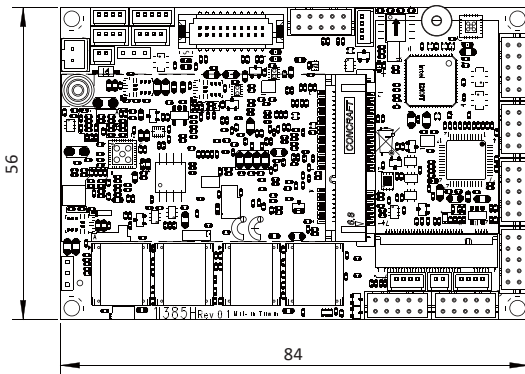
1.8" Femto-ITX SBC supports Intel® Bay Trail Atom / Celeron CPU
VGA, eDP, Touch 1 x Intel Gb Ethernet, 1 x M.2
4DI / 4DO, 3 x USB, 1 x COM, 1 x Mini PCIe, SMBus



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
- Multiple Independent display: VGA & eDP
- 1 x Intel GbE LAN, 1 x USB 3.0, 2 x USB 2.0
- 1 x COM, 4DI / 4DO, 1 x Mini PCIe, SMBus
- 1 x M.2, Touch Screen

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 M.2 B Key,Type 2242 (SATA)
 - 1 x mini card socket for mSATA
- BIOS
 - Insyde UEFI BIOS
- Display
 - 1 x VGA, eDP
- Touch
 - COM touch screen controller
- LAN
 - 1 x Intel GbE (internal)
- Audio (OEM)
 - High Definition Audio Specification, Support Line-out / Mic-in / Line-in
- Expansion Interface
 - 1 x Full size Mini PCIe (PCIe / mSATA / USB)

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 (internal) ; 2 x USB 2.0 (internal)

USB Expansion

USB to	COM, Mini Card, M.2, Audio board
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- Serial IO
 - 1 x RS232 / 422 / 485 (internal)
- 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
 - DC IN +5V
- Dimension
 - Femto-ITX (84 x 56 mm)
- Operation Temperature
 - 20°C~70°C (100 % CPU Usage)
- Operation Humidity
 - 5~95%, non-condensing
- 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.