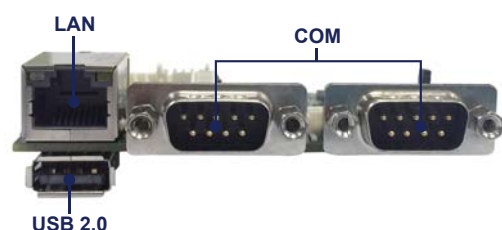


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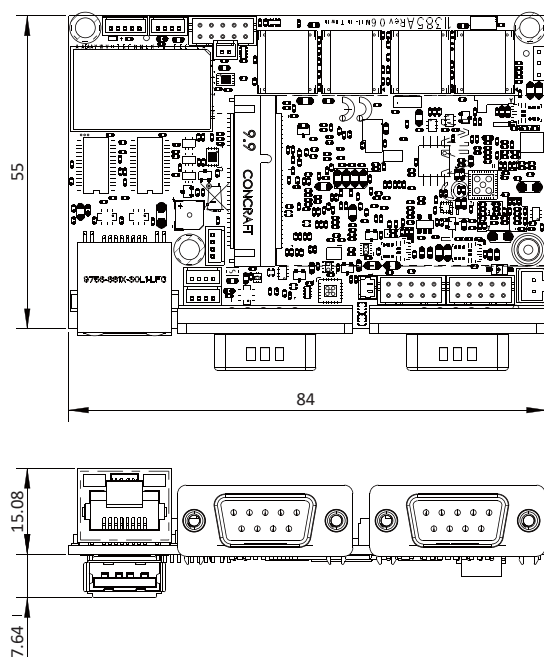
1.8" Femto-ITX SBC supports Intel® Bay Trail Atom / Celeron CPU
VGA, 1 x Intel Gb Ethernet, 3 x USB
4DI / 4DO, 2 x COM, 1 x Mini PCIe, SMBus



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
- 1 x Intel GbE LAN, 1 x USB 3.0, 2 x USB 2.0
- 2 x COM, 4DI / 4DO, 1 x Mini PCIe, 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 mini card socket for mSATA
- BIOS**
 Insyde UEFI BIOS
- Display**
 1 x VGA
- LAN**
 1 x Intel GbE (internal)
- 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)
 1 x USB 2.0 (external)
 1 x USB 2.0 (internal)

USB Expansion

USB to	COM, Mini Card, M.2, Audio board
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- Serial IO**
 2 x RS232 / 422 / 485 (external)
- 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 55 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: PALM-I
- 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.