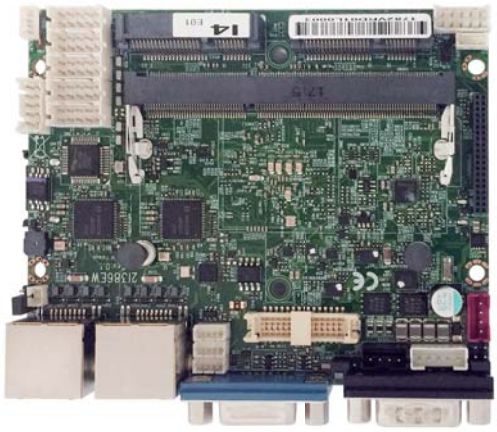
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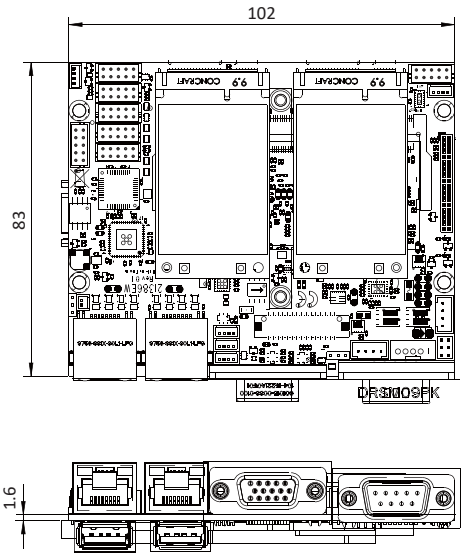
Pico-ITX SBC supports Intel® Bay Trail Atom / Celeron CPU
VGA, 2 x Intel Gb Ethernet, 4 x USB
4DI / 4DO, 4 x COM, 2 x Mini PCIe, LEX eIO



Features:

- Intel® Bay Trail-I Atom™ E3825 1.33GHz (Dual Core)
  Intel® Bay Trail-I Atom™ E3845 1.91 GHz (Quad Core)
  Intel® Bay Trail-D Celeron® J1900 2.0GHz (Quad Core)
- 1 x DDR3L 1066 / 1333 MHz SODIMM, Max . 8 GB
- Independent display: VGA
- 2 x Intel GbE LAN, 1 x USB 3.0, 3 x USB 2.0
- 4 x COM, 4DI / 4DO, 2 x Mini PCIe
- LEX eIO expansion

Dimensions: (Unit:mm)



Specifications :

- CPU
  Intel® Bay Trail-I Atom™ E3825 1.33GHz (Dual Core)
  Intel® Bay Trail-I 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. 8 GB
- Storage
  1 x SATA ports 2.0 Data transfer rates up to 3.0 Gb/s (300 MB/s), Share with mSATA 1
  1 x mini card socket for mSATA
- BIOS
  Insyde UEFI BIOS
- Display
  1 x VGA, Dual Channel, 48 bits LVDS (Option)
- Touch
  (Option) USB touch screen controller
- LAN
  2 x Intel GbE I210IT / I211AT (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 / USB)
  1 x Full size Mini PCIe (mSATA / USB)
  LEX eIO: 2 x PCIe + USB

Expansion Module	
LEX eIO	2 x PCIe + USB
L2L001	5 x GbE + 1 x Mini PCIe (USB) + 1 x SIM
L2L002	4 x GbE + 1 x Fiber + 1 x Mini PCIe (USB) + 1 x SIM
L2L003	4 x PoE Switch + 1 x Fiber
L2L004	2 x PoE + 1 x Mini PCIe (USB) + 1 x SIM+1 x Fiber (Optional)
L2M001	4 x Mini PCIe (USB / PCIe) + 1 x SIM

- USB
  1 x USB 3.0 (external), 1 x USB 2.0 (external), 2 x USB 2.0 (internal)
- Serial IO
  1 x RS232 / 422 / 485 (external)
  1 x RS232 / 422 / 485 (internal)
  2 x RS232 (internal)
- GPIO
  Hardware digital Input & Output, 4 x DI / 4 x DO
- WDT
  Hardware Watch Dog Timer, 0~255 sec programmable
- Power Input
  Wide Range +9~48V
- 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, MIRO 2, MIRO-RS
- OS Support
  Windows® 10 IOT (64bit), Windows® 8.1 (64bit), Windows® Embedded 8 Standard (64bit),
  Windows® 7 (32 / 64bit), Windows® Embedded Sta 7 (32 / 64bit),
  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.