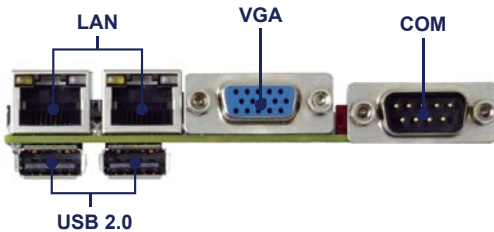


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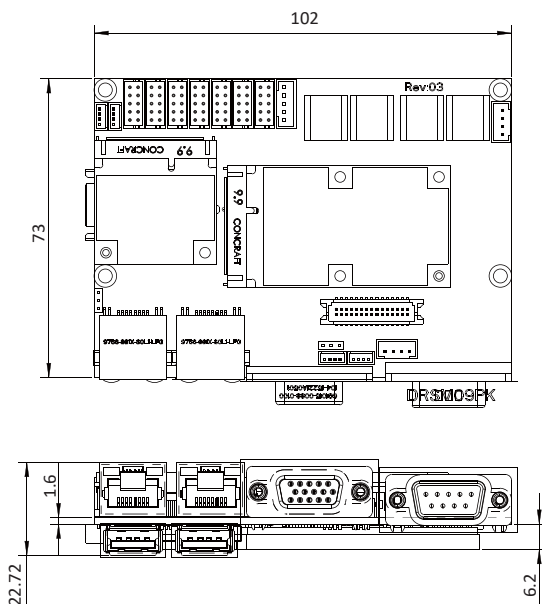
Pico-ITX SBC supports Intel® Bay Trail Atom / Celeron CPU  
VGA, 2 x Intel Gb Ethernet  
4 x USB, 4 x COM, 2 x Mini PCIe, SMBus



## 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
- Independent display: VGA
- 2 x Intel GbE LAN, 4 x USB 2.0
- 4 x COM, 2 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 SATA ports 2.0 Data transfer rates up to 3.0 Gb/s (300 MB/s), Share with mSATA 1  
2 x mini card socket for mSATA
- BIOS**  
Insyde UEFI BIOS
- Display**  
1 x VGA
- LAN**  
2 x Intel GbE (external)
- Audio (OEM)**  
High Definition Audio Specification, Support Line-out / Mic-in / Line-in
- Expansion Interface**  
1 x Full size Mini PCIe (PCIe / mSATA / USB)  
1 x Half size Mini 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**  
2 x USB 2.0 (external), 2 x USB 2.0 (internal)
- USB Expansion**  
USB to COM, Mini Card, M.2, Audio board
- Serial IO**  
1 x RS232 (external) optional to RS422 / 485  
3 x RS232 (internal) optional to RS485  
\*COM1, COM4 pin9 5V / 12V (Option)
- SMBus**  
1 x SMBus
- WDT**  
Hardware Watch Dog Timer, 0~255 sec programmable
- Power Input**  
DC IN +12V
- Dimension**  
Pico-ITX 2.5" (102 x 73 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, TWIN, MIRO 2
- 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.