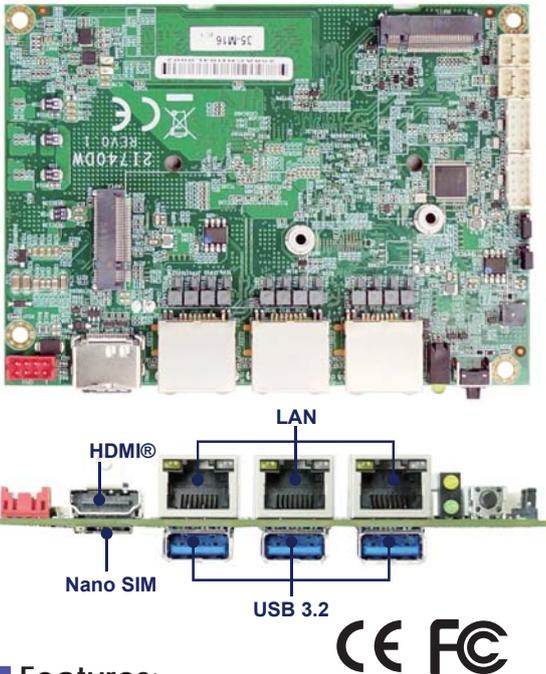


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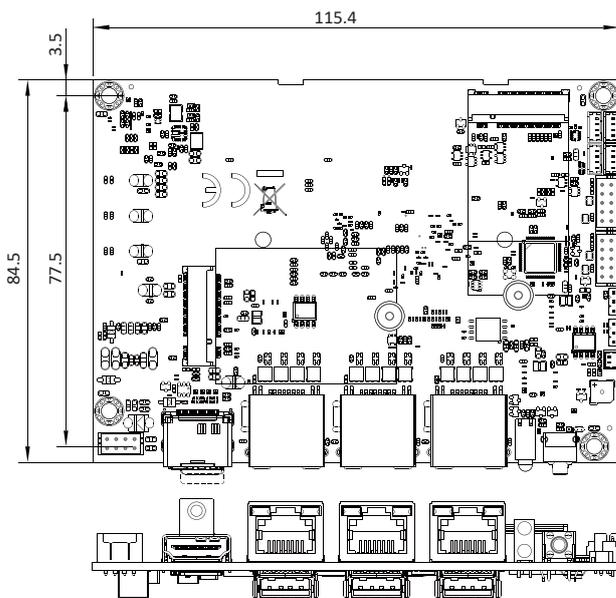
2.5" SBC supports Intel® Amston Lake ATOM® x7000 series CPU
 1 x HDMI®, 3 x Intel 2.5Gb Ethernet, 5 x USB, 2 x COM, 2 x M.2,
 1 x Nano SIM



Features:

- Intel® Amston Lake ATOM® x7000 series CPU
- Onboard LPDDR5, Max. 32GB
- Independent display: HDMI®
- 3 x Intel 2.5 GbE LAN, 3 x USB 3.2, 2 x USB 2.0
- 2 x COM, 2 x M.2, 1 x Nano SIM
- TPM 2.0

Dimensions: (Unit:mm)



Specifications :

- CPU
Intel® Amston Lake ATOM® x7000 series CPU
- MB Chipset
Intel® Amston Lake SoC
- Graphics
Intel® HD Graphics, Support DirectX 12.1 & OpenGL 4.6
- System Memory
Onboard LPDDR5 4800 MHz , Max. 32GB
- Storage
1 x M.2 B Key Type 3042 / 2242 SATA-SSD
1 x M.2 B Key Type 2242 PCIe-SSD
- BIOS
Insyde UEFI 64BIOS
- Display
1 x HDMI®
- TPM
Hardware TPM 2.0 ; OEM Optional to Firmware TPM 2.0
- LAN
3 x Intel 2.5 GbE I226 (external)
- Expansion Interface
1 x M.2 B Key Type2242 (PCIe x2 / USB 2.0)
1 x M.2 B Key Type2242/3042 (SATA / USB 3.2 / USB 2.0)
1 x Nano SIM

Expansion Module

CN064	M.2 B key 2242 to M.2 E Key 2230, WiFi 6 + BT
CN067	M.2 B key 2242 to M.2 B Key 2252, 4G / 5G (3.7V by BOM Control)
CN059	USB to Line-out / Mic-in
CC007	USB to 4 port COM
CIO116G	SMBus to 8DI + 8DO
PW351	1 port PoE PSE
PW352	2 port PoE PSE
PW301	802.3AF / AT PD module
PW205	Wide Range power board (9~36V) with power Ignition on/off delay
PW206	12V / 24V DC to DC Redundant Power Board
PW022	Wide Range power board (24V / 48V)

- USB
3 x USB 3.2 Gen 1 (external) ; 2 x USB 2.0 (internal)
- Serial IO
2 x RS232 / 422 / 485 (internal)
*COM1~COM2 pin9 5V (Option)
- SMBus / I2C
1 x SMBus, 1 x I2C
- WDT
Hardware Watch Dog Timer, 0~255 sec programmable
- Power Input
Wide Range +9~24V
- Dimension
2.5" Plus (115.4 x 84.5 mm) ; Weight: 85g
- Operation Temperature
-20°C~70°C (100 % CPU Usage)
- Operation Humidity
5~95%, non-condensing
- Chassis (OEM I/O Expansion by request)
Box PC: NET-II
- OS Support
Windows® 10 IOT ; Windows® 11 IOT
Ubuntu 22.04 above, Fedora 36 above