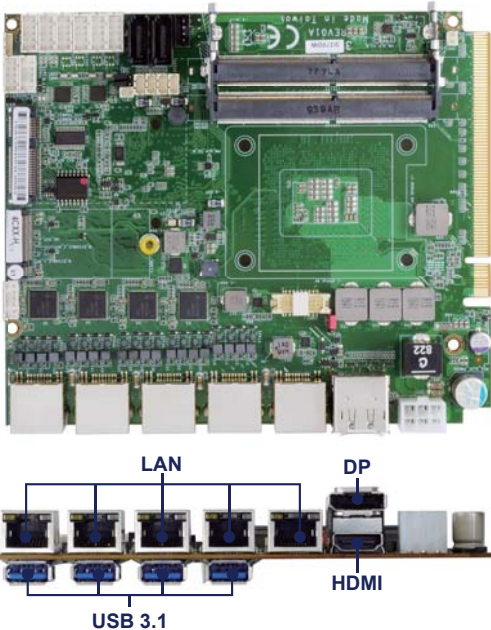


3I370DW

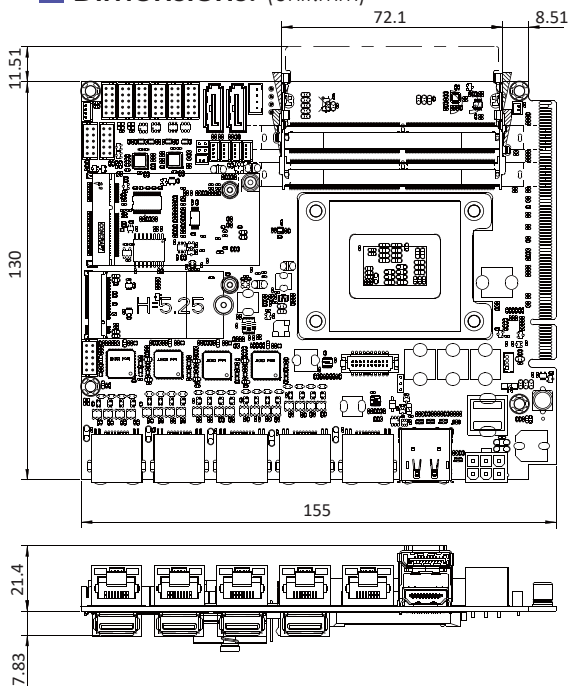
3.5" SBC supports 8th /9th Gen Intel® Coffee Lake-S, i9 (35W) / i7 / i5 / i3 & Pentium / Celeron CPU, Intel® Q370 chipset
 DP, HDMI, eDP, 5 x Intel Gb Ethernet, 8 x USB
 16DI / 16DO, 2 + 4 x COM, 1 x Mini PCIe, 1 x M.2, 1 x PCIe



Features:

- 8th / 9th Gen Intel® Coffee Lake-S, i9 (35W) / i7 / i5 / i3 / Pentium / Celeron CPU
- Intel® Q370 chipset
- 2 x DDR4 SODIMM socket, Max. 32GB
- Multiple Independent display: DP, HDIM & eDP (eDP to VGA and DVI converter)
- 5 x Intel GbE LAN, 4 x USB 3.1, 4 x USB 2.0, Audio
- 2 + 4 x COM, 1 x Mini PCIe, 1 x PCIe, 1 x M.2
- 16DI / 16DO, TPM 2.0

Dimensions: (Unit:mm)



Specifications :

- CPU
8th / 9th Gen Intel® Coffee Lake-S, i9(35W) / i7 / i5 / i3 / Pentium / Celeron CPU
 - MB Chipset
Intel® Q370
 - Graphics
Intel® UHD Graphics, Support DirectX 12 & OpenGL 4.5
 - System Memory
2 x DDR4 2400 MHz SODIMM, Max. 32GB
 - Storage
2 x SATA ports 3.0 Data transfer rates up to 6.0 Gb/s (600 MB/s)
1 x mini card socket for mSATA
1 x M.2 B Key, Type 2242 (mSATA / PCIe / USB 3.0 / USB 2.0)
 - BIOS
AMI UEFI BIOS
 - Display
1 x DP, 1 x HDMI, eDP (eDP to VGA and DVI converter)
 - TPM
TPM 2.0
 - LAN
1 x Intel GbE I219LM (external), 4 x Intel GbE I210IT (external)
 - Audio
High Definition Audio Specification, Support Line-out / Mic-in / Line-in
 - Expansion Interface
1 x Full size Mini PCIe (PCIe / mSATA / USB 3.0 / USB2.0)
1 x M.2 B Key, Type 2242 (Support NVME)
1 x PCIe 16x / 8x / 4x / 1x golden finger
- | Expansion Module | |
|------------------|--|
| PCIe Card | via riser Card: 2 x USB 3.1, 2 x 10 GbE LAN, 4 x PoE, 4 x GbE |
| 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
4 x USB 3.1 (external) ; 4 x USB 2.0 (internal)
 - Serial IO
2 x RS232 / 422 / 485 (internal)
4 x RS232 / 422 / 485 (internal)-(OEM, optiona to DIO port)
 - GPIO
Hardware digital Input & Output, 16 x DI / 16 x DO
0DI / 0DO, 4 x DI / 4 x DO, 8 x DI / 8 x DO (OEM-Optional to additional 4 x COM port)
 - WDT
Hardware Watch Dog Timer, 0~255 sec programmable
 - Power Input
Wide Range +12~36V
 - Dimension
130 x 155 mm
141.51 x 155 mm (Memory at Horizontal DIMM Socket)
 - Operation Temperature
-20°C~60°C (100 % CPU Usage)
 - Operation Humidity
5~95%, non-condensing
 - Chassis (OEM I/O Expansion by request)
Box PC: Apollo-S, Apollo-RS

Specification are subject to change without prior notice. ODM / OEM is available.