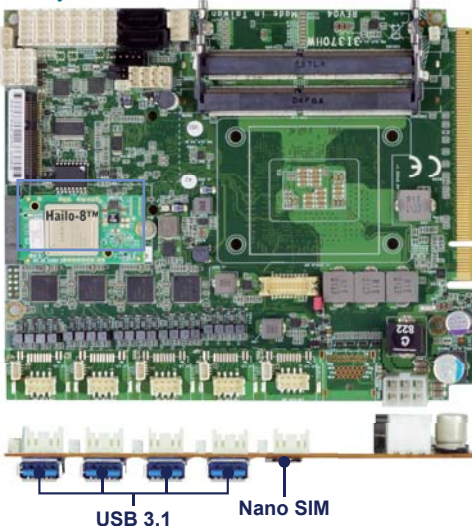
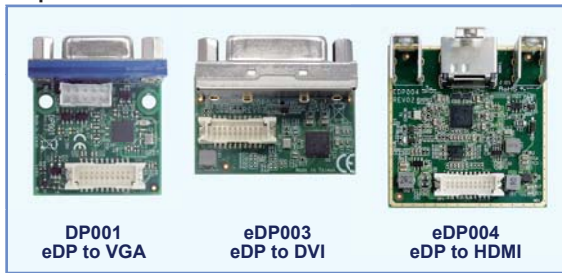


3I370HW + Hailo-8™ AI module

3.5" Plus SBC supports 8th / 9th Gen Intel® Coffee Lake-S, i9 / i7 / i5 / i3 & Pentium / Celeron (35W) CPU, Intel® Q370 chipset eDP, 5 x Intel Gb Ethernet, 8 x USB, 8DI / 8DO, 4 x COM, 1 x Mini PCIe, 1 x M.2, 1 x PCIe, 1 x SIM, SMBus Pre-installed M.2 Hailo-8™ AI Accelerator



Option:

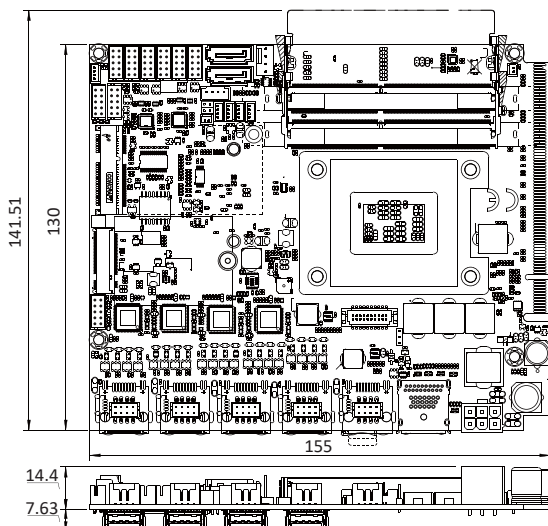


Features:

- 8th / 9th Gen Intel® Coffee Lake-S, i9 / i7 / i5 / i3 / Pentium / Celeron (35W) CPU
- Pre-installed M.2 Hailo-8™ AI Accelerator
- Intel® Q370 chipset
- 2 x DDR4 SODIMM socket, Max. 64GB
- Multiple Independent display: eDP (eDP to VGA and DVI converter)
- 5 x Intel GbE LAN, 4 x USB 3.1, 4 x USB 2.0
- 4 x COM, 1 x Mini PCIe, 1 x PCIe, 1 x M.2, 1 x Nano SIM
- 8DI / 8DO, TPM 2.0, SMBus



Dimensions: (Unit:mm)



Specifications :

- CPU**
8th / 9th Gen Intel® Coffee Lake-S, i9 / i7 / i5 / i3 / Pentium / Celeron (35W) CPU
- MB Chipset**
Intel® Q370
- Graphics**
Intel® UHD Graphics, Support DirectX 12 & OpenGL 4.5
- System Memory**
2 x DDR4 2400 MHz SODIMM, Max. 64GB
- 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 3042 (Support NVME)
- BIOS**
AMI UEFI BIOS
- Display**
1 x eDP ; optional to VGA or DVI or HDMI
- TPM**
TPM 2.0
- LAN**
1 x Intel GbE I219LM (internal), 4 x Intel 2.5 GbE I225 (internal)
- Audio (OEM)**
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 3042 (mSATA / PCIe x2 / USB 3.0 / USB 2.0), 1 x Nano SIM
1 x PCIe 16x / 8x / 4x / 1 x 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

Converter Card CN067: M.2 B key 2242 to M.2 B Key 2252, 4G / 5G (3.3V / 3.7V Auto detect)

Mini Card GPS, 3G / 4G, Wi-Fi, 2 / 4 x LAN, 4 x COM, CANBus, SDI / AHD Video

USB

4 x USB 3.1, Gen1 (external) ; 4 x USB 2.0 (internal)

USB Expansion

USB to COM, Mini Card, M.2, Audio board

Serial IO

4 x RS232 / 422 / 485 (internal) (OEM option to 6 x COM w/o DIO)

*COM1, COM2 pin9 5V / 12V (Option)

GPIO

Hardware digital Input & Output, 8 x DI / 8 x DO

SMBus

1 x SMBus

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 (100 % CPU Usage)

-20°C~60°C (Core i7 8700T)

Operation Humidity

5~95%, non-condensing

OS Support

Windows® 10 IOT (64bit), Ubuntu 18.04.2 above, Fedora 29 above

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