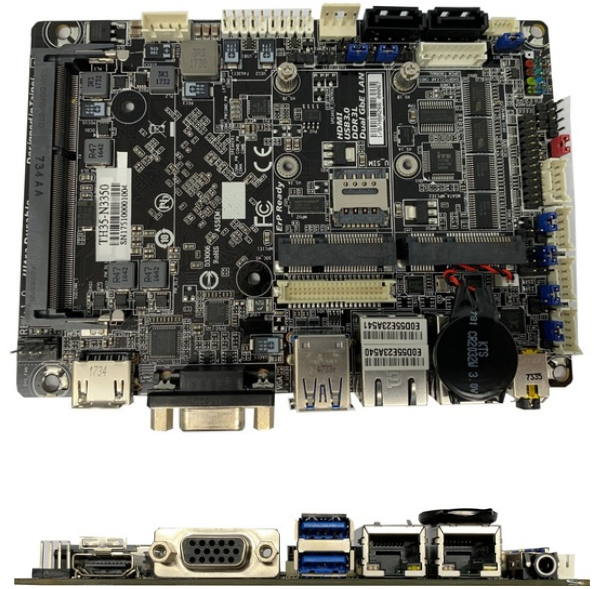
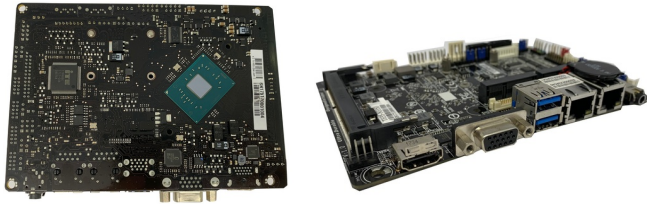


Features

- Intel Apollo Lake processor
- Intel Gen. 9 Graphics DX 12, OGL 4.2
- 4 x COM, 8 x USB, 2 x Gigabit LAN
- 2 x Mini-PCIe (1 x co-lay with mSATA)
- Support triple displays for VGA, HDMI, LVDS
- Support 9 - 36V Power Input



Core System

| | |
|-----------------------|--|
| CPU | Intel Celeron Apollo Lake N4200 CPU Dual-Core, up to 2.5 GHz, TDP 6W |
| System Memory | DDR3L-1600/1866 MHz, 1 x SO-DIMM, up to 8GB |
| Chipset | SoC integrated |
| BIOS | AMI |
| Storage | 2 x SATA 3.0, 1 x SATA share with mSATA |
| Watchdog Timer | 1 - 255 steps by software program |
| Expansion Slot | 2 x Mini-PCIe (1 x co-lay with mSATA) |
| Power Input | DC-in 9 - 36V |
| Smart Fan Control | - |
| Dimensions | 146 x 105 mm, 3.5-inch |
| Operating Temperature | 0°C to +60°C (+32°F to +140°F) |
| Storage Temperature | -20°C to +70°C (-4°F to +158°F) |
| Humidity | 10% to 95% relative humidity, non-condensing |

Rear I/O

| | |
|-------------|--------------------------------------|
| USB | 2 x USB 3.0 |
| Display I/O | 1 x VGA 1 x HDMI |
| Audio I/O | 1 |
| LAN I/O | 2 x RJ-45, Realtek RTL8111H Giga LAN |
| Serial Port | - |
| PS/2 Port | - |
| Others | - |

Internal Connectors

| | |
|---------------|--|
| USB | 6 x USB 2.0 |
| Display I/O | 1 x LVDS |
| Audio I/O | Realtek 5.1 channel HDA Codec, with MIC/Line-out |
| Serial Port | 4 x RS-232 (COM1/2 support RS-232/422/485) |
| Parallel Port | 1 x co-lay with 8-bit DIO |
| GPIO | 1 x GPIO Header (Programmable support 8-bit GPIO) |
| Others | 1 x I2C, 1 x SMBUS 1 x Speaker header 1 x DC 9 - 36V 4-pin ATX Power Input Connector |

Graphics

| | |
|--------------|--------------------------------------|
| Chipset | Intel Gen. 9 Graphics DX 12, OGL 4.2 |
| VGA | Up to 1920 x 1200 @ 60Hz |
| DVI | - |
| HDMI | Up to 3840 x 2160 |
| Display Port | - |
| LVDS | Up to 1920 x 1200 @ 60Hz |
| eDP (Option) | - |

Others

| | |
|----------------|------------------------------|
| OS Support | Windows 10, Windows 7, Linux |
| Certifications | CE / FCC Class B |