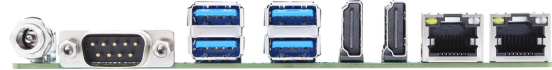
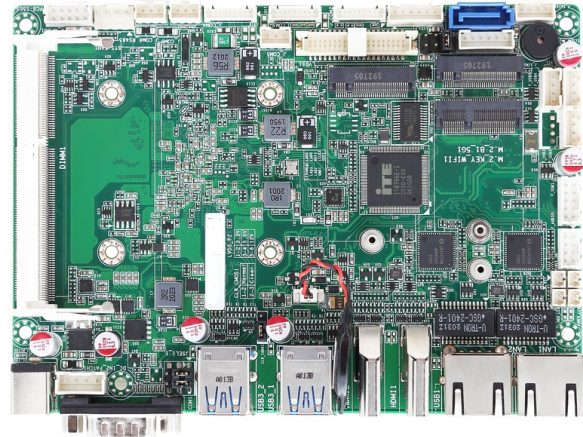
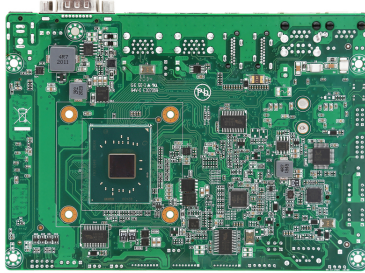


Features

- Intel Apollo Lake processor
- CPU on Rear side for heat dissipation
- 6 x COM, 9 x USB, 2 x Gigabit LAN
- 2 x M.2 (1 x 5G/4G with 1 x SIM card header, 1 x Wifi/BT)
- Support dual displays for 2 x HDMI, LVDS/eDP (LVDS default)
- Support DC 12V Power Input



Core System

CPU	Intel Celeron J3455 CPU Quad-Core, up to 2.3 GHz, TDP 10W
System Memory	DDR3L-1333/1600/1866 MHz, 1 x SO-DIMM, up to 8GB
Chipset	SoC integrated
BIOS	AMI
Storage	1 x SATA 3.0 header, 1 x M.2 Key-B Slot
Watchdog Timer	1 - 255 steps by software program
Expansion Slot	1 x M.2 Key-B slot (5G/4G with 1 x SIM card header) 1 x M.2 Keu-E slot (WIFI + BT)
Power Input	DC-in 12V
Smart Fan Control	Supported
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	4 x USB 3.0
Display I/O	2 x HDMI
Audio I/O	-
LAN I/O	2 x RJ-45, Intel I211 GBE LAN Chip (10/100/1000 Mbps)
Serial Port	1 x RS-232/485
PS/2 Port	-
Others	-

Internal Connectors

USB	5 x USB 2.0
Display I/O	1 x LVDS/eDP (LVDS default)
Audio I/O	Realtek 5.1 channel HDA Codec, with MIC/Line-out
Serial Port	4 x RS-232, 1 x RS-232/485
Parallel Port	-
GPIO	1 x GPIO Header (Programmable support 8-bit GPIO)
Others	1 x Power LED Header, 1 x Power Button Header 1 x System Reset Header, 1 x HDD LED Header 1 x System FAN Header, 1 x CMOS Clear Jumper

Graphics

Chipset	Intel HD Graphics
VGA	-
DVI	-
HDMI	Up to 1920 x 1200 @ 60Hz
Display Port	-
LVDS	Up to 1920 x 1200 @ 60Hz
eDP (Option)	-

Others

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