

Features

- Intel Apollo Lake processor
- Intel Gen. 8 Graphics DX 11, OGL 3.2
- 2 x COM, 4 x USB, 1 x Gigabit LAN
- 1 x Mini-PCIe (Co-lay with mSATA)
- Support dual displays for HDMI, LVDS
- Support 12V DC Power Input



Core System

CPU	Intel Celeron Apollo Lake J3455 CPU Quad-Core, up to 2.3 GHz, TDP 10W
System Memory	DDR3L-1600/1866 MHz, 1 x SO-DIMM, up to 8GB
Chipset	SoC integrated
BIOS	AMI
Storage	1 x SATA 3.0
Watchdog Timer	1 - 255 steps by software program
Expansion Slot	1 x Mini-PCIe (Co-lay with mSATA)
Power Input	DC-in 12V
Smart Fan Control	-
Dimensions	100 x 72 mm, 2.5-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 HDMI
Audio I/O	-
LAN I/O	1 x RJ-45, Realtek RTL8111H Giga LAN
Serial Port	-
PS/2 Port	-
Others	-

Internal Connectors

USB	2 x USB 2.0
Display I/O	1 x LVDS 0 x VGA, co-lay with HDMI
Audio I/O	Realtek 5.1 channel HDA Codec, with MIC/Line-out
Serial Port	2 x RS-232 (COM1 support RS-232/422/485)
Parallel Port	-
GPIO	1 x GPIO Header (Programmable support 4-bit GPIO)
Others	1 x SMBUS

Graphics

Chipset	Intel Gen. 8 Graphics DX 11, OGL 3.2
VGA	Up to 1920 x 1200 @ 60Hz (Optional)
DVI	-
HDMI	Up to 1920 x 1200
Display Port	-
LVDS	Up to 1920 x 1200 @ 60Hz
eDP (Option)	-

Others

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