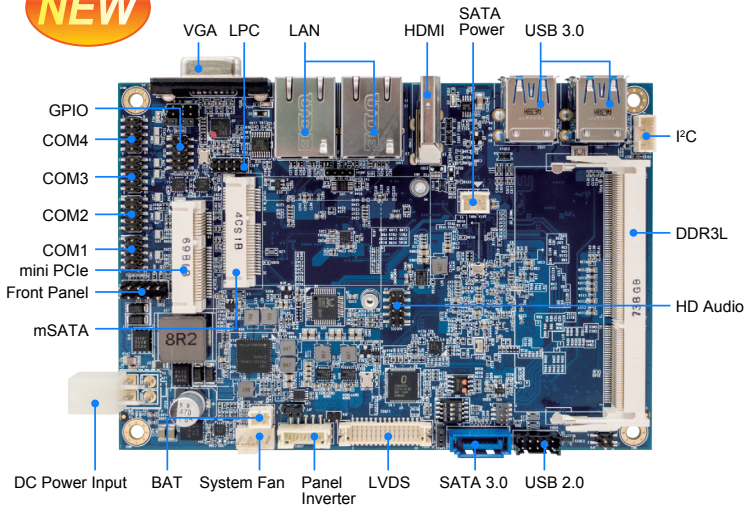


IPC-B3P20986

3.5" SBC Intel® Celeron® J3455 SoC
HDMI / 12V / 16~24V

NEW



Features



- Intel® Celeron® J3455
- Wide Range DC input (both 12V and 16~24V)
- 1 x I²C, 2 x LAN, 4 x COM, 6 x USB, fTPM
- Intel Burst Technology
- Supports 3 displays:
LVDS + VGA + HDMI1.4a (up to 4K)
- 1 x full-sized mSATA (with USB signal)

Specifications

System

CPU Support	Intel® Celeron® J3455:
Chipset	Intel® SoC
Memory Support	1 x SO-DIMM socket, supporting 1600/1866MHz DDR3L up to 8G (non-ECC)
BIOS	AMI UEFI BIOS
API/SW/FW	API/SW: Watchdog / GPIO / Backlight Control / Fan Control / I ² C / HW monitor FW: fTPM, selectable by BIOS
Power Supply	Supports both 12V and 16~24V DC power input Connector: onboard 4pin (2x2)
Dimensions	102 x 145 mm (4.02" x 5.71")
Certifications	FCC / CE
O.S. Support	Windows 10 64bit / Ubuntu17.04 64bit (kernel:4.4) / Android (2018Q2)

Graphics

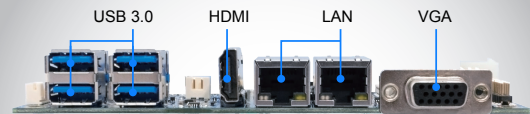
Display port	1 x HDMI1.4a (rear I/O), resolution: up to 4096x2160
VGA	1 x VGA(rear I/O), resolution: up to 1920x1200 @60Hz
LVDS	1 x LVDS (onboard connector), up to dual channel, 24-bit, resolution range: 800x600 to 1920x1200, set by slide switch

* The discrete graphics card is necessary for display if the integrated graphics support is not available in the CPU.

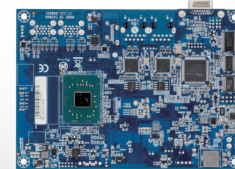
Environment

Operating Temp.	0~60°C (32~140°F) @humidity 20~95% (with heatsink)
Storage Temp.	-40~85°C (-40~185°F) @humidity 20~95%

I/O Panel View



Rear View



I/O Ports

SATA Interface	1 x SATA III port (6.0Gb/sec)
Serial Ports	4 ports (pin header) COM1: RS232 COM2: RS232/422/485, selected by BIOS COM3: RS232 w/ RI/5v/12v, selected by jumper COM4: RS232 w/ RI/5v/12v, selected by jumper
LAN	Dual LAN (2 x RJ45 on rear I/O) Supports Wake-On-LAN Controller: 2 x Intel® I210-IT
Audio	Mic In / Line In / Line Out (pin header) Codec IC: Realtek ALC888 (high definition codec)
GPIO	8 bit programmable GPIO (with API/utility support)
USB	6 ports: 2 x USB 2.0 (internal wafer) 4 x USB 3.0 (rear I/O)
Expansion Bus	1 x full-sized mSATA slot (with SATA and USB signal) 1 x full-sized mPCIe slot (with PCIe and USB signal) 1 x I ² C onboard connector w/ 5v power (with API/utility support)
FAN	1 x 4-pin connector for system fan (with API/utility support)

* All information contained in this document is subject to change without prior notice. Please log on www.antcomputer.com to acquire latest information. For detail mechanics drawing, please contact our sales.