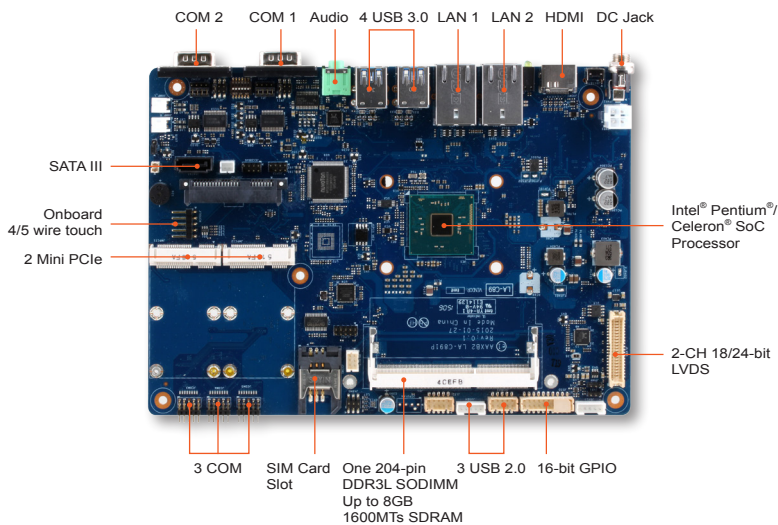




Features

- Onboard Intel® Pentium®/Celeron® SoC BGA Processor
- 1 x 204pin DDR3L SO-DIMM up to 8G
- Dual display (LVDS & HDMI)
- 1 x SATA III, 2 x mini-PCIe, 4 x USB3.0, 3 x USB 2.0, 5 COMs, 16-bit GPIO
- +12 ~ 26V Wide Power Range
- TPM 1.2 (Optional)



Specifications

System

Processor	Intel® Pentium®/Celeron® processor
System Memory	1 x 204-Pin DDR3L 1600MHz SO-DIMM up to 8 GB
I/O Chip	Nuvoton NPCE388N
BIOS	Insyde 64Mbit SPI Flash ROM
Watchdog Timer	H/W Reset: 1sec. ~ 65535sec./min. and 1sec. or 1min./step
H/W Status Monitor	Monitoring System Temperature and Voltage with Auto Throttling Control

Expansion & Storage

Expansion	1 x Mini PCIe Supports SIM Card 1 x Mini PCIe Supports mSATA
Storage	1 x eMMC (reserve32G)

Touch Screen

Built-in Touch controller(optional)	EETI ETP-CP-MER4485XRU 1 x 5-pin 2.54mm Pin Header
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I/O

USB	4 x USB 3.0, 3 x USB 2.0
SATA	1 x SATA III
Com Port	2 x RS-232/422/485, 3 x RS-232
Other	1 x SIM Card Slot
DIO	1 x 16-bit GPIO
MIO	1 x LPC, 1 x SPI, 1 x HDMI Output

Display

Chipset	Intel® Braswell SoC integrated Graphics Supports dual display
Resolution	HDMI: Max. resolution 1920x1080 @ 60Hz LVDS: Max. resolution 1920x1080 @ 60Hz HDMI + LVDS 1 x eDP via RealTek RTD2136N Supports 18/24-bit LVDS

Audio

Chipset	Realtek ALC233, supports 2.1-CH
Audio Interface	Line-Out and Amp.

Ethernet

Chipset	2 x Realtek 8119
Ethernet Interface	10/100/1000 Base-Tx GbE compatible
Lan Port	2 x RJ-45

Mechanical & Environmental

Power Requirement	+12V ~ +26V
Power Type	AT/ATX
Operating Temperature	0°C ~ 60°C (32°F ~ 140°F)
Storage Temperature	-20°C ~ 60°C (-4°F ~ 140°F)
Operating Humidity	0% ~ 90% Relative Humidity, Non-condensing
Dimension (L x W)	8" x 5.75" (203mm x 146mm)
Weight	0.55lb (0.25kg)

Certifications & Software Support

Certification	CE, FCC Class B
OS Information	Win 8, Win 7, Linux