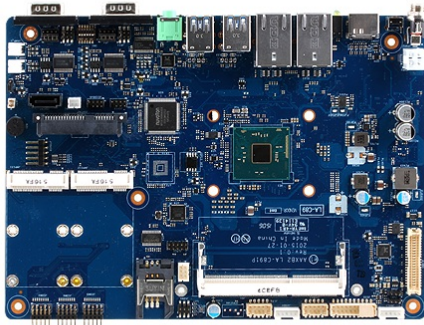




EBM-BSW

Intel® Pentium®/Celeron® SoC Processor 5.25"
Mini Module

- > 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-PCle, 4 x USB3.0 , 3 xUSB2.0, 5 COMs ,16-bit GPIO
- > +12 ~ 26V Wide Power Range
- > TPM 1.2 (Optional)



+ Spec

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	
Expansion	1 x Mini PCIe Supports SIM Card 1 x Mini PCIe Supports mSATA
Storage	
Storage	1 x eMMC (reserve32G)
Touch Screen	
Built-in Touch controller(optional)	EETI ETP-CP-MER4485XRU 1 x 5-pin 2.54mm Pin Header
I/O	
USB	4 x USB 3.0, 3 x USB 2.0
SATA	1 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 Temp	0°C ~ 60°C (32°F ~ 140°F)
Storage Temp	-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	
Certification Information	CE FCC Class B
Software Support	
OS Information	Win 8 Win 7 Linux