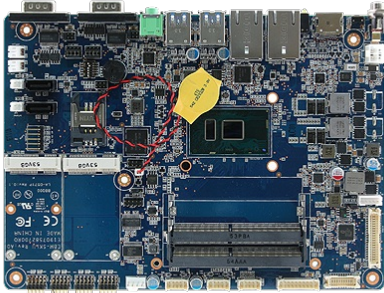




## EBM-SKLU

### 6th Gen Intel® Core™ SoC Processor i7/i5/i3 5.25" Mini Module



- > Onboard 6th Gen Intel® Core™ SoC i7/i5/i3 BGA Processor
- > 2 x 260pin DDR4 SO-DIMM up to 16G per DIMM, total 32GB (non ECC only)
- > Dual display (LVDS & HDMI)
- > 1 SATA III, 2 Mini PCIe, 4 USB 3.0, 4 USB 2.0, 16-bit GPIO
- > +12 ~ 26V Wide Power Range
- > TPM 2.0 & TPM 1.2 (Both optional)

#### + Spec

System	
<b>Processor</b>	6th Gen Intel® Core™ i7-6600U, 2-Core, 2.6GHz processor 6th Gen Intel® Core™ i5-6300U, 2-Core, 2.4GHz processor 6th Gen Intel® Core™ i3-6100U, 2-Core, 2.3GHz processor
<b>System Memory</b>	2 x 260-Pin DDR4 2133MHz SO-DIMM up to 32 GB Up to 2 DIMMs & 16GB per DIMM, total 32GB
<b>I/O Chip</b>	EC ITE IT8528E
<b>BIOS</b>	AMI uEFI BIOS, 128Mbit SPI Flash ROM
<b>Watchdog Timer</b>	H/W Reset, 1sec. ~ 65535sec. and 1sec./step
<b>H/W Status Monitor</b>	Monitoring CPU & System Temperature and Voltage
Expansion	
<b>Expansion</b>	1 x Mini PCIe Supports SIM Card 1 x Mini PCIe Supports mSATA
Storage	
<b>Storage</b>	1 x mSATA Supported from Mini PCIe
Touch Screen	
<b>Built-in Touch controller(optional)</b>	EETI ETP-CP-MER4485XRU 1 x 5-pin 2.0mm Pin Header
I/O	
<b>USB</b>	4 x USB 3.0 4 x USB 2.0
<b>SATA</b>	1 x SATA III
<b>COM Port</b>	2 x RS-232/422/485 4 x RS-232 (Optional)
<b>DIO</b>	1 x 16bit GPIO
<b>MIO</b>	1 x LPC 1 x SPI
<b>Other</b>	1 x SIM Card Slot
Display	
<b>Chipset</b>	Intel® Skylake U SoC integrated Graphics Supports dual display
<b>Resolution</b>	HDMI: Max. resolution 4096x2160 @ 24Hz LVDS: Max. resolution 1920x1080 @ 60Hz HDMI + LVDS 1 x eDP via CH7511 Supports 24-bit Dual Channel LVDS 2x20 pin Hirose Connector for (Optional BOM for 1 x internal eDP or default 1 x CH7511B LVDS for 2 x 24-bit.)
Audio	
<b>Chipset</b>	Realtek ALC233 supports 2.1-CH
<b>Audio Interface</b>	Line-Out and Amp.
Ethernet	
<b>Chipset</b>	1 x Intel® I210AT 1 x Intel® I219LM
<b>Ethernet Interface</b>	10/100/1000 Base-Tx GbE compatible
<b>LAN Port</b>	2 x RJ-45
Mechanical & Environmental	
<b>Power Requirement</b>	+12V ~ +26V
<b>Power Type</b>	AT/ATX
<b>Operating Temp</b>	0°C ~ 60°C (32°F ~ 140°F)
<b>Storage Temp</b>	-40°C ~ 75°C (-40°F ~ 167°F)
<b>Operating Humidity</b>	0% ~ 90% Relative Humidity, Non-condensing



<b>Dimension (L x W)</b>	8" x 5.75" (203mm x 146mm)
<b>Weight</b>	0.55lb (0.25kg)
<b>Certifications</b>	
<b>Certification Information</b>	CE FCC Class B
<b>Software Support</b>	
<b>OS Information</b>	Win 10 Win 8.1 Win 7 Linux