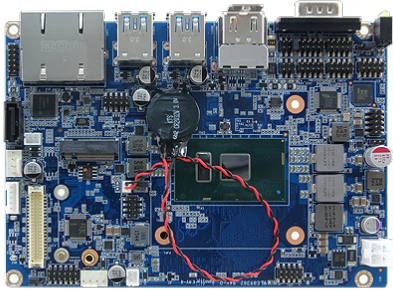




## ECM-SKLU

### 6th Gen Intel® Sky Lake-U Processor 3.5" Micro Module



- > Onboard 6th Gen Intel®Core™ i7/i5/i3 BGA Processor
- > One 260-pin DDR4 SODIMM Socket, Supports Up to 16GB DDR4 2133 SDRAM (only support non-ECC)
- > Triple Display, Dual-channel 18/24-bit LVDS, Dual HDMI
- > 1 SATA III, 1 Mini PCIe, 1 M.2 (2242) B-Key, 4 USB 3.0 (compatible with USB 2.0), 2 USB 2.0, 6 COM, 8-bit GPIO
- > HD Audio, Dual Gigabit Ethernet
- > TPM 2.0/1.2 (Both optional)

#### + Spec

System Information	
<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>	1 x 260-Pin DDR4 2133MHz SO-DIMM up to 16 GB
<b>I/O Chipset</b>	EC ITE IT8528E
<b>BIOS Information</b>	AMI uEFI BIOS, 128Mbit SPI Flash ROM
<b>Watchdog Timer</b>	H/W Reset, 1sec. ~ 65535sec.
<b>H/W Status Monitor</b>	Monitoring CPU Temperature, Voltage and FAN Status with Auto Throttling Control
Expansion	
<b>Expansion</b>	1 x Mini PCIe Supports mSATA 1 x M.2 (2242) B-Key with Micro SIM Card connector for 3G/4G
Storage	
<b>Storage</b>	1 x mSATA Supported from Mini PCIe 1 x M.2 support SATA or PCIe1/USB
I/O	
<b>USB Port</b>	2 x USB 2.0 4 x USB 3.0
<b>COM Port</b>	1 x RS-232/422/485 5 x RS-232
<b>SATA</b>	1 x SATA III
<b>DIO</b>	1 x 8bit GPIO
<b>MIO</b>	1 x LPC 1 x SPI
<b>Other</b>	1 x SIM Card Slot
Display	
<b>Graphic Chipset</b>	Intel® Skylake U SoC integrated Graphics Supports triple display
<b>Spec. &amp; Resolution</b>	HDMI: Max. resolution 4096x2160 @ 24Hz LVDS: Max. resolution 1920x1080@ 60Hz LVDS + Dual HDMI Dual-channel 18/ 24-bit LVDS
Audio	
<b>Audio Codec</b>	Realtek ALC888S supports 5.1-CH
Certifications	
<b>Certification Information</b>	CE FCC Class B
Ethernet	
<b>LAN Chipset</b>	1 x Intel® I211AT 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>Operating Temperature</b>	0°C ~ 60°C (32°F ~ 140°F)
<b>Storage Temperature</b>	-40°C ~ 75°C (-40°F ~ 167°F)
<b>Operating Humidity</b>	40°C @ 95% Relative Humidity, Non-condensing
<b>Weight</b>	0.44lbs (0.2kg)
<b>Power Requirement</b>	+12V ~ +26V
<b>ACPI</b>	Single Power ATX Support S0, S3, S4, S5 ACPI 5.0 Compliant
<b>Power Mode</b>	AT/ATX



<b>Dimension (L x W)</b>	5.7" x 4" (146mm x 101mm)
<b>Software Support</b>	
<b>OS Information</b>	Win 10 Win 8.1 Win 7 Linux
<b>Ordering Information</b>	
<b>Ordering Information</b>	ECM-SKLU-6300-B1R 3.5" W/i5 6300U/6USB/6COM/2LAN/B1