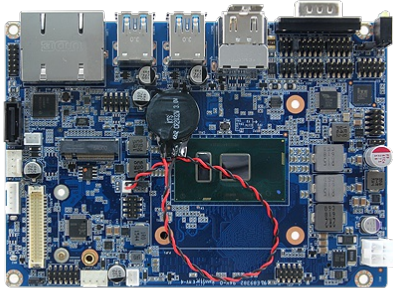




## ECM-SKLU

6th Gen Intel® Core™ SoC Processor i7/i5/i3  
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 ,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	
<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 Chip</b>	EC ITE IT8528E
<b>BIOS</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 B-Key, 2242 (B key support SATA or PCIe, USB3, USB2 & with Micro SIM card connector for 3G/4G) M.2 can support PCIe X2 or SSIC by OEM BIOS
Storage	
<b>Storage</b>	1 x mSATA Supported from Mini PCIe 1 x M.2 (SATA)
I/O	
<b>USB</b>	2 x USB 2.0 4 x USB 3.0
<b>SATA</b>	1 x SATA III
<b>COM Port</b>	1 x RS-232/422/485 5 x RS-232
<b>DIO</b>	1 x 8bit GPIO
<b>MIO</b>	1 x LPC 1 x SPI
Display	
<b>Chipset</b>	Intel® Skylake U SoC integrated Graphics Supports triple display
<b>Resolution</b>	HDMI: Max. resolution 4096x2160 @ 24Hz LVDS: Max. resolution 1920x1080 @ 60Hz LVDS + Dual HDMI Dual-channel 18/ 24-bit LVDS
Audio	
<b>Chipset</b>	Realtek ALC892 supports 5.1-CH
Ethernet	
<b>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>Power Requirement</b>	+12V ~ +26V
<b>ACPI</b>	Single Power ATX Support S0, S3, S4, S5 ACPI5.0 Compliant
<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>	5.7" x 4" (146mm x 101mm)
<b>Weight</b>	0.44lbs (0.2kg)
Certifications	
<b>Certification Information</b>	CE FCC Class B
Software Support	



**OS Information**

Win 10  
Win 8.1  
Win 7  
Linux

**+ Ordering**

ECM-SKLU-6300-A1R  
3.5" W/5 6300U/6USB/6COM/2LAN/A1