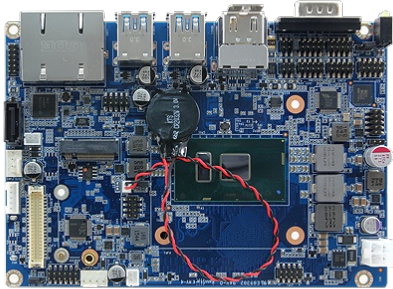




ECM-SKLU

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 | |
|----------------------------|---|
| Processor | 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 |
| System Memory | 1 x 260-Pin DDR4 2133MHz SO-DIMM up to 16 GB |
| I/O Chip | EC ITE IT8528E |
| BIOS | AMI uEFI BIOS, 128Mbit SPI Flash ROM |
| Watchdog Timer | H/W Reset, 1sec. ~ 65535sec. |
| H/W Status Monitor | Monitoring System Temperature and Voltage with Auto Throttling Control |
| Expansion | |
| Expansion | 1 x Mini PCIe Supports mSATA 1 x M.2 (B-Key, 2242) M.2 (2242) (B key support SATA or PCIe, USB3 & USB2) M.2 can support PCIeX2 or SSIC by OEM BIOS |
| Storage | |
| Storage | 1 x mSATA Supported from Mini PCIe 1 x M.2 (SATA) |
| I/O | |
| USB | 2 x USB 2.0 4 x USB 3.0 |
| SATA | 1 x SATA III |
| COM Port | 1 x RS-232/422/485 5 x RS-232 |
| DIO | 1 x 8bit GPIO |
| MIO | 1 x LPC 1 x SPI |
| Display | |
| Chipset | Intel® Skylake U SoC integrated Graphics Supports triple display |
| Resolution | HDMI: Max. resolution 4096x2160 @ 24Hz LVDS: Max. resolution 1920x1080@ 60Hz LVDS + Dual HDMI Dual-channel 18/ 24-bit LVDS |
| Audio | |
| Chipset | Realtek ALC892 supports 5.1-CH |
| Ethernet | |
| Chipset | 1 x Intel® I211AT 1 x Intel® I219LM |
| Ethernet Interface | 10/100/1000 Base-Tx GbE compatible |
| LAN Port | 2 x RJ-45 |
| Mechanical & Environmental | |
| Power Requirement | +12V ~ +26V |
| ACPI | Single Power ATX Support S0, S3, S4, S5 ACPI 5.0 Compliant |
| Power Type | AT/ATX |
| Operating Temp | 0°C ~ 60°C (32°F ~ 140°F) |
| Storage Temp | -40°C ~ 75°C (-40°F ~ 167°F) |
| Operating Humidity | 0% ~ 90% Relative Humidity, Non-condensing |
| Dimension (L x W) | 5.7" x 4" (146mm x 101mm) |
| Weight | 0.44lbs (0.2kg) |
| Certifications | |



| | |
|----------------------------------|-------------------------------------|
| Certification Information | CE FCC Class B |
| Software Support | |
| OS Information | Win 10 Win 8.1 Win 7 Linux |

 Ordering

ECM-SKLU-6300-A1R
3.5" W/15 6300U/6USB/6COM/2LAN/A1