



ESM-SKLU

6th Gen Intel® Core™ SoC ULT Processor i7/i5/i3 COME Type6 Compact Module

- > Onboard 6th Gen Intel® Core™ SoC ULT i7/i5/i3 BGA Processor
- > Two 260pin SODIMM DDR4 2133 SDRAM Slot up to 32GB
- > Support Dual Channel LVDS, Display Port, VGA/HDMI, eDP Option
- > 3 SATA (6.0GB/s), 8 USB 2.0, 4 USB 3.0, 8-bit GPIO
- > Intel I219LM Gigabit Ethernet
- > Type 6 Rev 2.1 Pin-out
- > Supports Intel® iAMT 11.0, TPM 2.0 (Factory Optional), Turbo Boost Technology, vPro, Wake on LAN

+ 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 6th Gen Intel® Celeron® 3955U, 2-Core, 2.0GHz Processor
System Memory	2 x 260-pin SO-DIMM DDR4 2133 SDRAM slot up to 32 GB
I/O Chip	EC ITE IT8528E
BIOS	AMI uEFI BIOS, 128Mbit SPI Flash ROM
Expansion	
Expansion	8 x PCIe1x(it restricted to 5 devices due to LAN already count as one device)
I/O	
USB	8 x USB 2.0 4 x USB 3.0
SATA	3 x SATAIII
COM Port	2 x UART
DIO	1 x 8 bit GPIO
MIO	1 x LPC, 1 x I2C, 1 x SPI, 1 x SMBus
Display	
Chipset	Intel® Skylake Processor integrated Graphics
Resolution	HDMI: Max. resolution 4096x2160 @ 24Hz LVDS: Max. resolution 1920x1200 @ 60Hz VGA: Max. resolution 1920x1200 @ 60Hz DP: Max. resolution 4096x2304 @ 60Hz
LVDS	CH7511B(eDP to LVDS)
Multiple Display	LVDS(eDP) + VGA(HDMI) + DDI(HDMI or DP)
DDI	HDMI DVI DisplayPort
Audio	
Audio Interface	Intel® High Definition Audio
Ethernet	
Chipset	1 x Intel® I219LM
Ethernet Interface	10/100/1000 Base-Tx GbE compatible
Mechanical & Environmental	
Power Requirement	+9 (-5%)~ +19V (+5%), VSB: 5V(±5%)
ACPI	Single power ATX Support S0, S3, S4, S5 ACPI 3.0 Compliant
Power Type	AT/ATX
Operating Temp	-20°C ~ 80°C (-40°F ~ 176°F)
Storage Temp	-40°C ~ 85°C (-40°F ~ 185°F)
Operating Humidity	0%~90% relative humidity, non-condensing
Dimension (L x W)	3.7" x 3.7" (95mm x 95mm)
Certifications	
Certification Information	CE / FCC Class B
Software Support	
OS Information	Win10 / Win 8 / Win 7

+ Ordering

EEV-EX14-A2R
mATX Ev. Board for COME Type 6 A1.1

ESM-SKLU-6600-A1R
Intel® Core™ i7-6600U Type6 COME Compact Module

