



EPC-SKLU

6th Gen Intel® Sky Lake Fanless Compact System

- > 6th Gen Intel® Sky Lake-U Processor
- > Single DRAM Socket, Max. Up to 16GB DDR4 2133MHz
- > Rich I/O, 1 SATA III, 1 Mini PCIe, 1 M.2, 2 COM, 2 USB 2.0, 4 USB 3.0, 2HDMI, 2LAN
- > Fanless Operating from -10 °C~ 60°C
- > Wide Range DC Power Input from 12V ~ 26V
- > Compact Size, 177mm x 123mm x 50mm
- > Optional VESA. DIN Rail Kit
- > TPM 2.0/1.2 (Factory Option)

+ Spec

-System Information-	
Processor	Intel® Core™ i7-6600U Processor (4M Cache, up to 3.40 GHz) Intel® Core™ i5-6300U Processor (3M Cache, up to 3.00 GHz) Intel® Core™ i3-6100U Processor (3M Cache, 2.30 GHz) Intel® Celeron® Processor 3955U (2M Cache, 2.00 GHz)
System Memory	1 x 260-Pin SO-DIMM Socket, Max. Up to 16 GB DDR4 2133MHz
BIOS Information	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
SBC	ECM-SKLU
Expansion	
Expansion	1 x Full Size Mini PCIe (mSATA) 1 x M.2 (2242) B-Key
Storage	
Storage	1 x 2.5" Drive Bay (7mm) 1 x M.2 (2242) B-Key 1 x mSATA
I/O	
USB Port	2 x USB 2.0 4 x USB 3.0
COM Port	1 x RS-232 1 x RS-232/422/485 (Cable&BIOS)
Antenna	2 x Antenna Mounting with Dust Protection Cover
System Control	
LED Indicator	1 x Power on/off LED on front side 1 x Storage Access LED on front side
Display	
Graphic Chipset	Intel® HD Graphics 520 (i7-6600U, i5-6300U, i3-6100U) Intel® HD Graphics 510 (Celeron 3955U)
Spec. & Resolution	2 x HDMI 1.4: Max. Resolution 4096x2160@24Hz
Multiple Display	Dual Display
Audio	
Audio Codec	Realtek ALC888S
Certifications	
Certification Information	CE, FCC Class B, UKCA
Ethernet	
LAN Chipset	1 x Intel® I210AT 1 x Intel® I219LM
Ethernet Interface	10/100/1000 Base-Tx Gigabit Ethernet Compatible
LAN Port	2 x RJ-45
Power Requirement	
DC Input	Power Input: Typical 12/24 Vdc (+12~ 26V)
DC Input Connector	Lockable DC Jack
ACPI	Single Power ATX Support S0, S3, S4, S5 ACPI 5.0 Compliant
Power Mode	AT/ATX (ATX is default setting)
Adapter	Input: 100 ~ 240Vdc/ 50 ~ 60Hz Output: 12V/5A AC-DC 60W Adapter
Mechanical & Environmental	



Operating Temperature	With extended temperature peripherals: -10°C ~ 60°C (14°F ~ 140°F) with 0.5m/s air flow With extended temperature peripherals: -10°C ~ 50°C (14°F ~ 122°F) with 0.2m/s air flow With 2.5" hard drive: 0°C ~ 40°C (32°F ~ 113°F) with 0.5m/s air flow
Storage Temperature	-30~70°C° (-22°F ~ 158°F)
Operating Humidity	40°C @ 95% Relative Humidity, Non-condensing
Dimension (W x L x H)	177mm x 123mm x 50mm (7" x 4.8" x 2.0")
Weight	2.65lbs(1.2KG)
Vibration Test	With SSD: 5Grms, IEC 60068-2-64, Random, 10 ~ 500Hz, 30min/Axis, 3 Axis
Shock Test	With SSD : 10G, IEC 60068-2-27, Half Sine, 11ms, Z Axis
Mounting Kit	Stand (Default) VESA Mount kit (Factory Option) Din Rail kit (Factory Option)
Drop	ISTA 2A, IEC-60068-2-32 Test : Ed, 1 Corner, 3 Edges, 6 Faces
Construction	Aluminum + Metal
Software Support	
OS Information	Win 10, Win 8, Win 7, Linux
Ordering Information	
Ordering Information	EPC-SKLU-66-C2-1R 6th Gen Intel®Core™ Processor Core™ i7-6600U Fanless Tiny System EPC-SKLU-63-C2-1R 6th Gen Intel® Core™ Processor Core™ i5-6300U Fanless Tiny System EPC-SKLU-61-C2-1R 6th Gen Intel® Core™ Processor Core™ i3-6100U Fanless Tiny System EPC-SKLU-39-C2-1R 6th Gen Intel® Celeron® 3955U Fanless Tiny System E1702031831R Australia Power Cord E1702031833R USA Power Cord E1702031834R Japan Power Cord E170P060380R UK Power Cord E1702031000R EU Power Cord

Assured Systems

Assured Systems is a leading technology company with over 1,500 regular clients in 80 countries, deploying over 85,000 systems to a diverse customer base in 12 years of business. We offer high-quality and innovative rugged computing, display, networking and data collection solutions to the embedded, industrial, and digital-out-of-home market sectors.

US

sales@assured-systems.com

Sales: +1 347 719 4508

Support: +1 347 719 4508

1309 Coffeen Ave
Ste 1200
Sheridan
WY 82801
USA

EMEA

sales@assured-systems.com

Sales: +44 (0)1785 879 050

Support: +44 (0)1785 879 050

Unit A5 Douglas Park
Stone Business Park
Stone
ST15 0YJ
United Kingdom

VAT Number: 120 9546 28

Business Registration Number: 07699660