



SLP-SKL

6th Gen Intel®Core™ Processor Core™ i7/i5/i3
Fanless Expendable Controller with PCI/PCIe
expansion slots

- > Intel® 6th Generation Core™ Processor + Intel® Q170 Express Chipset
- > 2 x 260-pin DDR4 SODIMM Socket, Supports Up to 32GB DDR4 2133MHz SDRAM
- > Dual display (DVI-H + DP)
- > HD Audio, Dual Gigabit Ethernet
- > 3 x PCI + 1 x PCIe x16, 6 x USB3.0, 4 x COM, 1 x CFast, 2 x 2.5" drive bay, 1 x PS2 Keyboard, 1 x PS2 Mouse, 16CH isolated DIO
- > Fanless Operation
- > Wide Range DC Power Input from 9~36V
- > Support Avalue IET module

+ Spec

System	
Processor	Intel® Core™ i7-6700TE Processor (4-Core 2.4GHz) Intel® Core™ i5-6500TE Processor (4-Core,2.3GHz) Intel® Core™ i3-6100TE Processor (2-Core,2.7GHz)
System Chipset	Intel® Q170 Express Chipset
System Memory	2 x 260-Pin DDR4 2133MHz SO-DIMM up to 32 GB
Watchdog Timer	H/W Reset: 1sec.~255min. and 1sec. or 1min./step
H/W Status Monitor	Monitoring CPU & System Temperature and Voltage
TPM	2.0
Expansion	
Expansion	1 x Mini PCI-e Supports mSATA 1 x PCI-ex16 3 x PCI
Storage	
Storage	1 x Mini PCI-e Supports mSATA 2 x 2.5" Drive Bay support RAID 0,1 1 x CFast™
I/O	
USB	6 x USB 3.0
COM Port	2 x RS-232 2 x RS-232/422/485
Other	1 x Power on/off switch with Power LED 1 x Reset button 1 x HDD LED 1 x CFast LED 1 x Internal USB 2.0(Type-A)
DIO	1 x 16CH isolated DIO
MIO	1 x PS/2 Keyboard 1 x PS/2 Mouse
Expansion	Avalue IET Module
Display	
Chipset	Intel® 6th Generation CPU integrated
Resolution	DP:4096x2304 @ 60Hz DVI-I:1920x1200 @ 60Hz DP + DVI-I
Interface	DP DVI-I
Audio	
Chipset	Realtek ALC892 supports 5.1-CH
Audio Interface	Mic-In, Line-In and Line-Out
Ethernet	
Chipset	1 x Intel® I219LM 1 x Intel® I210AT
Ethernet Interface	10/100/1000 Base-Tx GbE compatible
LAN Port	2 x RJ-45
Mechanical & Environmental	
Operating Temp	(w/Industrial SSD, CFast),ambient w/ air flow 0°C to 50°C (32°F to 122°F) (w/HDD), ambient w/ air flow 0°C ~ 40°C (32°F ~ 104°F)
Storage Temp	-40°C ~ 75°C (-40°F ~ 167°F)
Operating Humidity	0% ~ 90% Relative Humidity, Non-condensing
Weight	4.5 kg
Construction	Aluminum + Metal



Mounting Kit	Wall Mount/VESA(Optional.)
Dimension (L x W x H)	200 x 225 x 218 mm
Vibration Test	With SSD/mSATA : 5Grms, IEC 60068-2-64, Random, 5 ~ 500Hz, 1hr/axis
Shock Test	With SSD/mSATA : 50Grms, IEC 60068-2-27, Half Sine, 11ms
Certifications	
Certification Information	CE FCC Class A
Software Support	
OS Information	Win 8.1 Win 7 Linux
Power Requirement	
Power Connector	Phoenix Connector
Power Requirement	Built-in 9-36 VDC wide-range DC input
ACPI	Single Power ATX Support S0, S3, S4, S5 ACPI 1.0b and 2.0 Compliant
Power Mode	ATX
Adapter	Input: 100 ~ 240Vac/ 50 ~ 60Hz Output: 180W Adapter (24V @ 7.5A)

Ordering

SLP-SKL-1701-A1R
6th Gen Intel® Core™ Processor Core™ i7-6700TE Fanless Expendable Controller with 3 PCI + 1 PC-Ex 16 expansion slots

SLP-SKL-1702-A1R
6th Gen Intel® Core™ Processor Core™ i5-6500TE Fanless Expendable Controller with 3 PCI + 1 PC-Ex 16 expansion slots