



SLP-SKL

6th Gen Intel® Core™ i7/i5/i3 Processor & Celeron® G3900TE Processor Fanless Expandable Controller with PCI-e/PCI expansion slots

- > 6th Generation Intel® Core™ i7-6700TE / i5-6500TE / i3-6100TE Processor & Celeron® G3900TE Processor
- > Intel® Q170 Chipset
- > 2 x 260-pin DDR4 2133MHz SODIMM up to 32 GB
- > 1 customized backplane with 1 x PCI-e x 16, 3 x PCI (SLP-SKL), 1 x PCI-e x 8, 2 x PCI-e x 4, 1 x PCI (SLP-SKLB)
- > 6 x USB3.0, 4 x COM, 1 x CFast, 1 x PS/2 Keyboard, 1 x PS/2 Mouse, 1 x 16CH isolated DIO
- > 2 x 2.5" HDD/SSD Drive Bay, SATA 6Gb/s and Support RAID 0, 1
- > Dual display (DVH + DP)
- > Dual Gigabit Ethernet
- > Fanless Operation
- > Wide Range DC Power Input from 9~36V

+ Spec

System	
Processor	6th Gen Intel® Core™ i7-6700TE, 4-Core, 2.4GHz processor 6th Gen Intel® Core™ i5-6500TE, 4-Core, 2.3GHz processor 6th Gen Intel® Core™ i3-6100TE, 2-Core, 2.7GHz processor 6th Gen Intel® Celeron® G3900TE 2-Core, 2.3GHz Processor
System Chipset	Intel® Q170 Chipset
System Memory	2 x 260-pin DDR4 2133 MHz SO-DIMM socket, up to 32GB Max (non ECC only)
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	◦ SLP-SKL 1 x PCI-e x 16 3 x PCI ◦ SLP-SKLB 1 x PCI-e x 8 2 x PCI-e x 4 1 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
DIO	1 x 16CH isolated DIO
MIO	1 x PS/2 Keyboard 1 x PS/2 Mouse
Expansion	Avalue IET Module
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)
Display	
Chipset	Intel® 6th Generation CPU integrated
Resolution	DP:4096x2304 @ 60Hz DVI-I:1920x1200 @ 60Hz Dual Display
Interface	DP DVH
Audio	
Chipset	Realtek ALC892
Audio Interface	Line-Out, Line-in and Mic-in
Ethernet	
Chipset	1 x Intel® I219-LM 1 x Intel® I210-AT
Ethernet Interface	10/100/1000 Base-Tx GbE compatible
LAN Port	2 x RJ-45
Mechanical & Environmental	
Operating Temperature	(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 Temperature	-40°C ~ 75°C (-40°F ~ 167°F)
Operating Humidity	40°C @ 95% 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
Certifications	
Certification Information	CE FCC Class A
Software Support	
OS Information	Win 10 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/AT
Adapter	Input: 100 ~ 240VAC/ 50 ~ 60Hz Output: 180W Adapter (24VDC @ 7.5A)

+ Ordering

SLP-SKL-1701-A1R

Intel® Core™ i7-6700TE / 4GB DDR4 / 1 x PCIe x 16, 3 x PCI

SLP-SKL-1702-A1R

Intel® Core™ i5-6500TE / 4GB DDR4 / 1 x PCIe x 16, 3 x PCI

SLP-SKL-1703-A1R

Intel® Core™ i3-6100TE / 4GB DDR4 / 1 x PCIe x 16, 3 x PCI

SLP-SKL-1704-A1R

Intel® Celeron® G3900TE / 4GB DDR4 / 1 x PCIe x 16, 3 x PCI

SLP-SKLB-1701-A1R

Intel® Core™ i7-6700TE / 4GB DDR4 / 1 x PCIe x 8, 2 x PCIe x 4, 1 x PCI

SLP-SKLB-1702-A1R

Intel® Core™ i5-6500TE / 4GB DDR4 / 1 x PCIe x 8, 2 x PCIe x 4, 1 x PCI

SLP-SKLB-1703-A1R

Intel® Core™ i3-6100TE / 4GB DDR4 / 1 x PCIe x 8, 2 x PCIe x 4, 1 x PCI

SLP-SKLB-1704-A1R

Intel® Celeron® G3900TE / 4GB DDR4 / 1 x PCIe x 8, 2 x PCIe x 4, 1 x PCI

