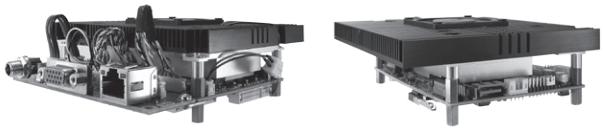
PICO511 NEW

Pico-ITX SBC with 7th Gen Intel® Core™ i7/i5/i3 and Celeron® Processor, LVDS and LAN

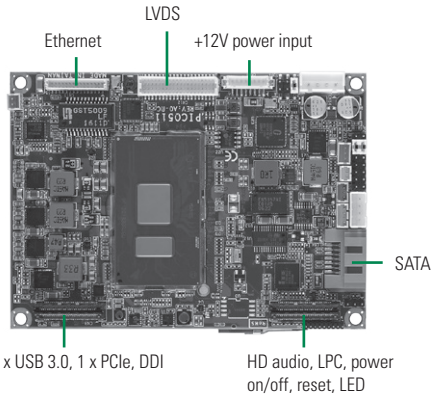
Features

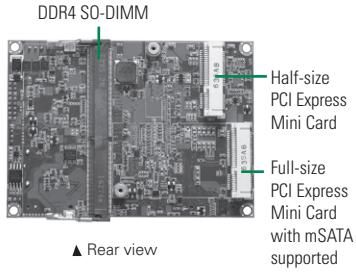
- 7th gen Intel® Core™ i7/i5/i3 and Celeron® processor
- 1 DDR4-2133 SO-DIMM, up to 16GB
- 2 PCI Express Mini Cards
- Intel® AMT 11 supported



▲ Assembly view







▲ Rear view

Core System

CPU	7th generation Intel® i7/i5/i3 & Celeron® processor onboard
System Memory	1 x 260-pin DDR4-2133 SO-DIMM, up to 16GB
Chipset	N/A
BIOS	AMI
SSD	N/A
Watchdog Timer	65535 levels, 1 ~ 65535 sec.
Expansion Interface	1 x full-size PCI Express Mini Card with mSATA supported 1 x half-size PCI Express Mini Card 1 x PCIex1, 1 x LPC, 1 x DDI, 4 x USB 3.0, 1 x HD audio and 1 x SMBus (through expansion connector)
Battery Lithium	Lithium 3V /220 mAH
Power Input	1 x 4-pin connector +12V DC-in only AT Auto Power On function supported
Power Requirements	i7-7600U: +12V @ 2.5A i5-7300U: +12V @ 2.3A i3-7100U: +12V @ 2.2A CEL-3965U: +12V @ 1.7A
Size	100 x 72 mm
Board Thickness	1.6 mm
Temperature	-20°C ~ +70°C (-4°F ~ +158°F), operation
Relative Humidity	10% ~ 95% relative humidity, non-condensing

I/O

MIO	N/A
SATA	1 x SATA-600
Hardware Monitoring	Detect CPU/system temperature, voltage and fan speed
Ethernet	1 port 10/100/1000 Mbps supports Wake-on-LAN, PXE Boot ROM with Intel® i219LM
Audio	N/A
USB	1 x USB 2.0
SMBus/I²C	Yes, for advanced monitoring/control
Digital I/O	N/A
TPM	ST ST33TPM12LPC with compliant

Display

Chipset	Intel® HD graphics
Memory Size	Share system memory
Display Interface	1 x LVDS; 18/24-bit single/dual channel

Packing List

Standard
Quick installation guide, user's manual/utility CD and accessories

Accessories

Part Number	Description
8593A071010	AX93A07 I/O board
59403208000E	SATA cable
594P8800600E	SATA power cable
594P8802810E	USB cable
59190400500E	Fan cable
5078H511000E	Heatspreader
5078H500100E	Cooler

Ordering Information

Standard	
PICO511LG-i7-7600U (P/N: E38H511103)	Pico-ITX SBC with Intel® Core™ i7-7600U, LVDS, 1 GbE LAN, 1 USB
PICO511LG-i5-7300U (P/N: E38H511102)	Pico-ITX SBC with Intel® Core™ i5-7300U, LVDS, 1 GbE LAN, 1 USB
PICO511LG-i3-7100U (P/N: E38H511101)	Pico-ITX SBC with Intel® Core™ i3-7100U, LVDS, 1 GbE LAN, 1 USB
PICO511LG-Celeron-3965U (P/N: E38H511100)	Pico-ITX SBC with Intel® Celeron® 3965U, LVDS, 1 GbE LAN, 1 USB

Optional

AX93A00 (P/N:E393A00100)	I/O board for 1 x RS-232/422/485, 1 x RS-232, 4 x USB 3.0, 1 x VGA, 1 x Audio
AX93A01 (P/N:E393A01100)	I/O board for 1 x RS-232/422/485, 1 x RS-232, 4 x USB 3.0, 1 x HDMI, 1 x Gigabit LAN
AX93A02 (P/N: E393A02100)	I/O board for 1 x RS-232/422/485, 1 x RS-232, 4 x USB 3.0, 1 x Audio
AX93A09 (P/N: E393A09100)	I/O board for 1 x RS-232/422/485, 1 x RS-232, 4 x USB 2.0, 1 x Audio

Updated Aug. 31, 2017. * All specifications and photos are subject to change without notice.