

# PICO511 NEW

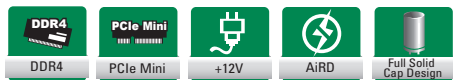
Pico-ITX SBC with 7th Gen Intel® Core™ i7/i5/i3 and Celeron® Processor, LVDS and LAN

## 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

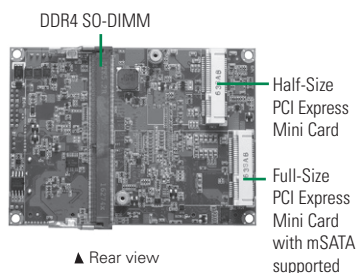
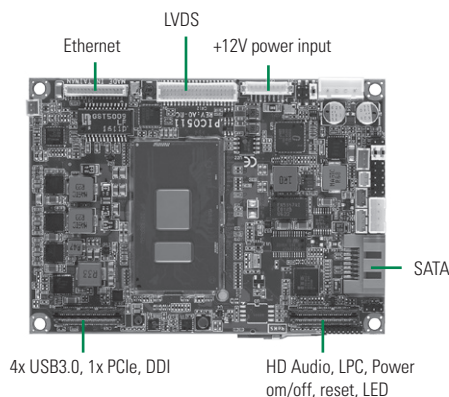


## Core System

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	65536 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 PCIe1, 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	TBD
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
I2C	I2C Bus for advanced monitoring/control
SMBus	System Management Bus for advanced monitoring/control
Digital I/O	N/A
TPM	ST ST33TPM12LPC with TPM1.2 compliant (Optional)



▲ Rear view

## 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
	AX93A07 I/O board
	SATA cable
	SATA power cable
	USB cable
	Fan cable
	Heatspreader
	Cooler

## Ordering Information

### Standard

PICO511LG-i7-7600U	Pico-ITX SBC with Intel® Core™ i7-7600U, LVDS, 1 GbE LAN, 1 USB
PICO511LG-i5-7300U	Pico-ITX SBC with Intel® Core™ i5-7300U, LVDS, 1 GbE LAN, 1 USB
PICO511LG-i3-7100U	Pico-ITX SBC with Intel® Core™ i3-7100U, LVDS, 1 GbE LAN, 1 USB
PICO511LG-Celeron-3965U	Pico-ITX SBC with Intel® Celeron® 3965U, LVDS, 1 GbE LAN, 1 USB