

LEC-7480

Fanless Box PC
with Extreme Operating Temperature and
Intel® Core® i7/i3 CPU



■ Features

- Intel® Core® i7-3517UE or Core® i3-3217UE Processor
- High-performance Graphics Engine
- 2 Serial COM Ports
- 2 Ethernet Ports
- 4 USB Ports
- -35°C~75°C Operating Temperature
- Integrated SIM Card Reader
- Fanless Design

■ Specifications

Processor System

CPU	Intel Core® i7-3517UE/i3-3217UE
Frequency	1.7GHz (i7), 1.6GHz (i3)
Core Number	2C
BIOS	AMI SPI Flash BIOS 64Mbit
Chipset	Intel® HM65

Fanless

Yes

Memory

Technology	DDR3/DDR3L, 1333/1600MHz
Max. Capacity	8 GB
Socket	1x 204-pin SODIMM

Graphic

Controller	Intel® HD Graphics 4000
VGA	1x VGA, 2048 x 1536
DVI	-
HDMI	1x HDMI, 1920 x 1080

Audio

Codec	Realtek ALC886-GR
Interface	2x Phone Jack for MIC-in and Line-out

Ethernet

Controller	Intel® 82583V
Speed	10/100/1000 Base-T
Interface	2x RJ45

Storage

Type	SATA III
Installation	1 x CFast Socket
Type	SATA III
Installation	1x 2.5" HDD/SSD Drive Bay

I/O

Serial Port	2x RS-232/422/485, DB9 Male
Digital I/O	2x DI, 2x DO with +5V TTL
USB 2.0	4x Type A
USB 3.0	-
Power-On/Reset Button	1x Power On/Off, 1x Reset

Remote Power Switch	Yes
LED	Power/Storage Access/3G
Antenna Hole	2x SMA Antenna Holes

Expansion Interface

Mini-PCIe	1x Full-sized Socket with SIM Card Reader and 1x Half-sized Socket
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PCI	-
PCI Express x1	-
PCI Express x4	-

Watchdog Timer

Watchdog Timer 1~255 Level Time Interval System Reset, Software Programmable

Power

Power Type	ATX
Power Supply Voltage	+12 V _{DC}
Connector	DC Jack with Lock
Power Consumption (Idle)	17.5W
Power Consumption (Full Load)	18.6W
Power Adaptor	AC to DC AC 90 to 240 V _{AC} Input DC 12V/5V 60W

Environment

Operating Temperature	-35°C~75°C (with Industrial-grade Components)
Storage Temperature	-45°C~85°C
Relative Humidity	5%~95% (Non-condensing)
Vibration	IEC 60068-2-64, 0.5Grms, Random 5~500Hz, 40Mins/Axis

Mechanical

Dimension (W x H x D)	195 x 67.7 x 143mm (7.68" x 2.67" x 5.63")
Construction	Aluminum
Weight	2Kg
Mounting	VESA, Wallmount

Driver Support

Microsoft Windows	Windows 7, WES7, Windows 8.1, Windows 8.1 Standard
Linux	Kernel 2.6.32 or Later

Certification

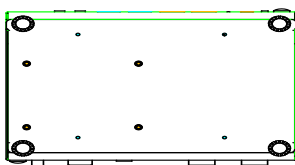
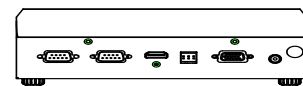
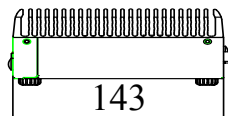
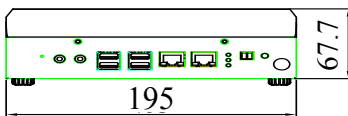
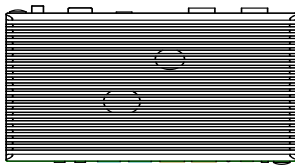
EMC	CE, FCC Class A
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■ Product I/O View



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|-------------------|------------------|-----------------------|---------------|----------------|
| A Reset | D USB x 4 | G Remote Power | J HDMI | M DC_in |
| B Mic_in | E LAN x 2 | H On/Off | K DIO | |
| C Line_out | F LEDs | I COM x 2 | L VGA | |

■ Dimensions (W x H x D) 195 x 67.7 x 143 mm (7.68" x 2.67" x 5.63")



■ Ordering Information

LEC-7480-711A Fanless Box PC with Intel Core i7-3517UE Processor @1.7GHz

LEC-7480-311A Fanless Box PC with Intel Core i3-3217UE Processor @1.6GHz

■ Standard Accessories

080W1N0002001 SATA SSD/HDD Cable with Power

0P0W060122002 60W 12V/5A Power Adapter

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