

# LEC-7070

Compact High-performance IPC  
Powered by 3rd Generation  
Intel® Core™ Processors



## ■ Features

- Intel® Core™ i7-3517UE, Core™ i3-3217UE or Celeron® 807UE Processor
- Fanless & Dust-proof Design
- 2 GbE LAN Ports
- 2 Serial COM Ports
- 4 USB 2.0 Ports
- 2 Mini-PCIe
- Integrated SIM Card Reader
- Multiple Video-out Ports
- Wide Temperature Support

## ■ Specifications

### Processor System

CPU	Intel® Core™ i7-3517UE/i3-3217UE or Celeron® 807UE
Frequency	1.7GHz (i7), 1.6GHz (i3) or 1GHz (Celeron)
Core Number	2C (i7/i3), 1C (Celeron)
BIOS	AMI 32bit SPI UEFI BIOS
Chipset	Intel HM65
Fanless	Yes

### Memory

Technology	DDR3/DDR3L 1333/1600 MHz (i7/i3) DDR3 1066/1333 MHz (Celeron)
Max. Capacity	8GB (i7/i3), 4GB (Celeron)
Socket	1x 204-pin SODIMM

### Graphic

Controller	Intel HD Graphics 4000 (i7/i3) Intel HD Graphics (Celeron)
VGA	1 x VGA, 2048 x 1536
DVI	-
HDMI	1x HDMI, 1920 x 1080

### Audio

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

### Ethernet

Controller	Intel 82583V
Speed	10/100/1000 Mbps
Interface	2 x RJ45

### Storage

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

### I/O

Serial Port	2 x RS-232, DB9 male
Digital I/O	4 x DI, 4 x DO with +5V TTL
USB 2.0	4 x type A
USB 3.0	-

Power-On/Reset Button	1 x Power On/Off and 1 x Reset
Remote Power Switch	Yes
LED	Power/Storage Access/3G Status
Antenna Hole	2 x SMA Antenna Holes

### Expansion Interface

Mini-PCIe	1 x Full-sized Socket with SIM Card Reader and 1 x Half-sized Socket
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 Vdc
Connector	DC Jack with Lock
Power Consumption (Idle)	19W
Power Consumption (Full Load)	26W
Power Adaptor	AC to DC AC 90 to 240 VAc Input DC 12V/5V 60W

### Environment

Operating Temperature	-20 ~ 55°C (with Industrial-grade Components)
Storage Temperature	-20 ~ 75°C
Relative Humidity	5% ~ 95% (Non-condensing)
Vibration	IEC 60068-2-64, 0.5Grms, random 5 ~500 Hz, 40 mins/axis

### Mechanical

Dimension (W x H x D)	198 x 42 x 145 mm (7.79" x 1.65" x 5.7")
Construction	Aluminum
Weight	1 Kg
Mounting	VESA, Wallmount

### Driver Support

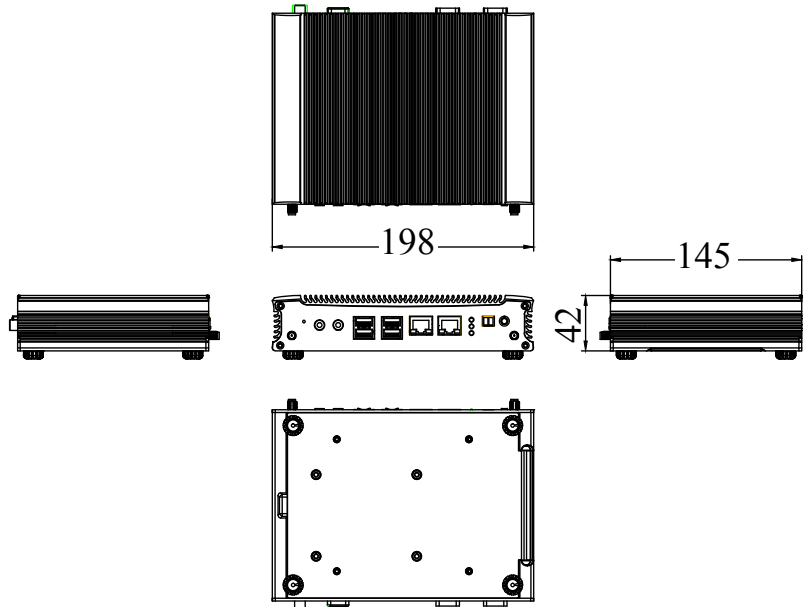
Microsoft Windows	WES 7 E, Win 7 Pro FES, WE 8 S, WE 8.1 Industry Pro
Linux	Linux 2.6.32 or Later
Certification	CE/FCC, Class A

## Product I/O View



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

## Dimensions (W x H x D) 198 x 42 x 145 mm (7.79" x 1.65" x 5.7")



## Ordering Information

LEC-7070-711A	Fanless Box PC with Intel Core i7-3517UE Processor @1.7GHz
LEC-7070-311A	Fanless Box PC with Intel Core i3-3217UE Processor @1.6GHz
LEC-7070	Fanless Box PC with Intel Celeron 807UE Processor @1.0GHz

## Standard Accessories

080W172201502	SATA SSD/HDD Cable with Power
0P0W060122002	60W 12V/5A Power Adapter

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# Lanner

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