

# LEC-7230L

Compact Fanless Digital Signage IPC with  
Intel® Bay Trail CPU



## ■ Features

- Intel® J1900 Quad-core Processor
- Intel® HD Graphics / VGA (1600x1200) / HDMI (1920x1080)
- Dual GbE LAN Ports
- Dual RS-232/422/485 Serial Ports
- 1x USB 3.0 and 2x USB 2.0 Ports
- 1x Mini-PCI-E Slot with SIM Card Reader
- Compact and Fanless

## ■ Specifications

### Processor System

CPU	Intel® Celeron® J1900
Frequency	2GHz
Core Number	4C
BIOS	AMI SPI Flash BIOS
Chipset	SOC

### Fanless

Yes

### Memory

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

### Graphic

Controller	Intel® HD Graphics
VGA	1 x VGA, 1600 x 1200
DVI	-
HDMI	1 x HDMI, 1920 x 1080

### Audio

Codec	Realtek ALC662 High Definition
Interface	2 x Phone Jack for MIC-in and Line-out

### Ethernet

Controller	Intel® i211-AT
Speed	10/100/1000 Mbps
Interface	2 x RJ45

### Storage

Type	PATA
Installation	1 x CF Type I/II Socket
Type	SATA II
Installation	1 x 2.5" HDD/SSD Drive Bay

### I/O

Serial Port	2 x RS-232/422/485, DB9 male
Digital I/O	-
USB 2.0	2 x Type A
USB 3.0	1 x Type A
Power-On/Reset Button	1 x Power On/Off, 1 x Reset

Remote	-
LED	Power/3G Status/Storage
Antenna Hole	1 x SMA Antenna Hole

### Expansion Interface

Mini-PCIe	1 x Full-sized Socket with SIM Card Reader
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)	7.36W
Power Consumption (Full Load)	11.43W
Power Adaptor	AC to DC, AC 90 to 240 VAC Input, DC 12V/5A 60W

### Environment

Operating Temperature (w/ Industrial-grade Components)	0°C~40°C
Storage Temperature	-20°C ~ 60°C
Relative Humidity	0% ~ 90% (Non-condensing)
Vibration	IEC 60068-2-64, 0.5Grms, Random 5 ~500 Hz, 40 Mins/Axis

### Mechanical

Dimension (W x H x D)	195.6 x 41 x 146.8 mm (7.7" x 1.61" x 5.78")
Construction	Plastic
Weight	0.9 Kg
Mounting	VESA/DIN-rail/Wallmount

### Driver Support

Microsoft Windows	WES 7 E, Win 7 Pro FES, WE 8 S, WE 8.1 Industry Pro
Linux	Kernal 3.x

### Certification

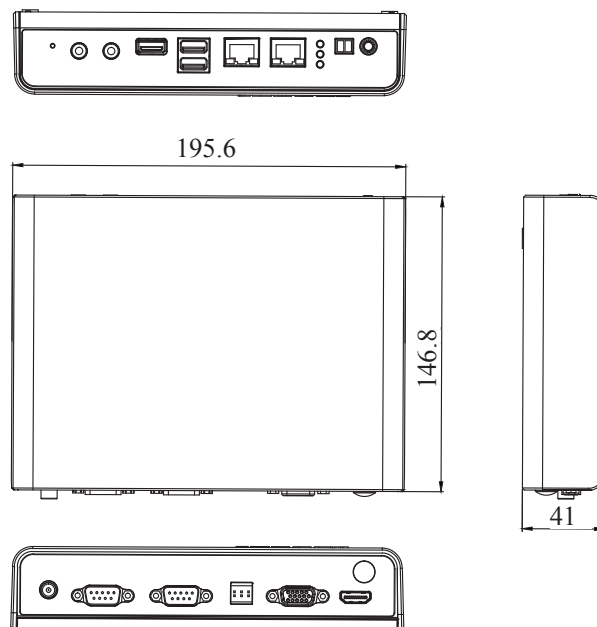
EMC	CE/FCC, Class A
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## ■ Product I/O View



- |                       |                   |                  |                       |
|-----------------------|-------------------|------------------|-----------------------|
| <b>A</b> Power On/Off | <b>D</b> Line_out | <b>G</b> DC_IN   | <b>J</b> HDMI         |
| <b>B</b> LAN x 2      | <b>E</b> MIC_in   | <b>H</b> COM x 2 | <b>K</b> Antenna Hole |
| <b>C</b> USB x 3      | <b>F</b> Reset    | <b>I</b> VGA     |                       |

## ■ Dimensions (W x H x D) 195.6 x 41 x 146.8 mm (7.7" x 1.61" x 5.78")



## ■ Ordering Information

**LEC-7230L-J11A** Fanless Box PC with Intel® Celeron® J1900 (2GHz)

## ■ Standard Accessories

**080W1N0002001** SATA SSD/HDD Cable with Power

**0P0W060122002** AC Power Adapter 60W 12V/5A, DC Jack with Lock

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# Lanner

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