

LEC-7230-CT1

Compact Fanless Quad-core IPC with
Intel® Bay Trail CPU



■ Features

- Intel® J1900 Quad-core Processor
- Intel® Integrated Graphics / VGA (1600x1200) / HDMI (1920x1080)
- 1x USB 3.0 Port and 5x USB 2.0 Ports
- Dual 100/1000 Mbps Ethernet Ports
- 0°C~55°C Wide Operating Temperature

■ Preliminary Specifications

Processor System

CPU	Intel® Celeron® J1900 Quad-core
Frequency	2 GHz
Core Number	4
BIOS	AMI SPI Flash BIOS 64Mbit
Chipset	SOC
Fanless	Yes

Memory

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

Graphic

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

Audio

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

Ethernet

Controller	Intel® i210
Speed	10/100/1000 Mbps
Interface	2 x RJ45

Storage

Type	--
Installation	--
Type	SATA
Installation	1 x 2.5" SSD/HDD Drive Bay

I/O

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

Remote	-
LED	Power/Storage Access/3G Status
Antenna Hole	2

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)	8.42W
Power Consumption (Full Load)	10W
Power Adaptor	AC to DC, AC 90 to 240 Vac Input, DC 12V/5A 60W

Environment

Operating Temperature (w/ Industrial-grade Components)	0°C~55°C
Storage Temperature	-20°C ~ 70°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)	198 x 49.3 x 144.8 mm (7.8" x 1.94" x 5.7")
Construction	Aluminum + SGCC
Weight	0.9 Kg
Mounting	VESA/DIN-rail/Wallmount

Driver Support

Microsoft Windows	Win7/WES7/Win8.1
Linux	Kernal 3.12

Certification

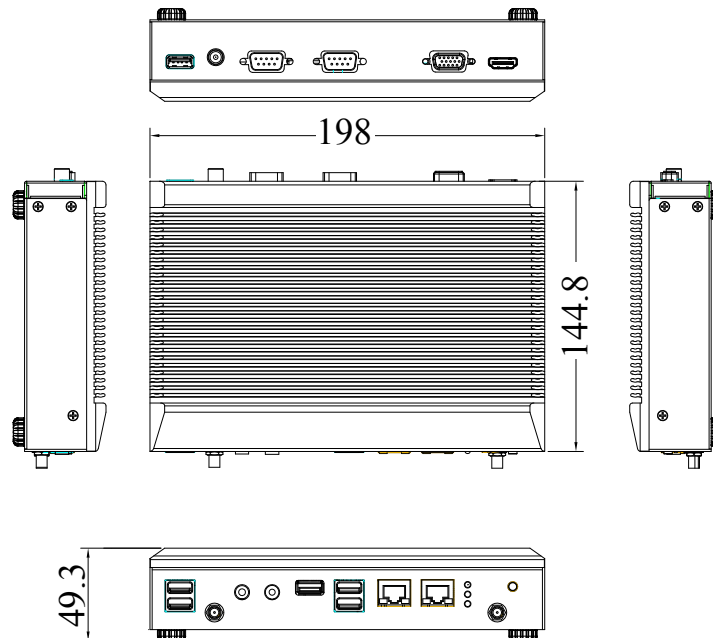
EMC	CE/FCC, Class A
Safety	None

■ Product I/O View



- | | | | | |
|----------------------|----------------------|-----------------------|------------------|------------------|
| A USB 2.0 x 2 | D Line_out | G LAN x 2 | J HDMI | M DC_IN |
| B Reset | E USB 3.0 x 1 | H LED | K VGA | N USB 2.0 |
| C MIC_in | F USB 2.0 x 2 | I Power On/Off | L COM x 2 | |

■ Dimensions (W x H x D) 198 x 49.3 x 144.8 mm (7.8" x 1.94" x 5.7")



■ Ordering Information

LEC-7230-CT1 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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