

LEC-2430

High-performance Box PC
with Mini-PCIe, PCI or PCI Express Expansion



■ Features

- Intel® Celeron® J1900 Processor
- Fanless Design
- 2 GbE Ethernet Ports
- 2 Serial COM Ports
- 1 USB 3.0 Port
- 4 USB 2.0 Ports
- 1 PCI/PCIe Expansion Slot
- Integrated SIM Card Reader
- Dual Display Support
- 9 to 30 Vdc Power Input

■ Preliminary Specifications

Processor System

CPU	Intel Celeron J1900 (Bay Trail)
Frequency	2 GHz (J1900), 1.83 GHz (N2930), or 1.91 GHz (E3845)
Core Number	4C
BIOS	AMI SPI Flash BIOS
Chipset	-

Fanless

Yes

Memory

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

Graphic

Controller	Intel HD Graphics
VGA	1 x VGA, 1600 x 1200
DVI	None
HDMI	1 x HDMI, 1920 x 1080

Audio

Codec	Realtek ALC886
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	SATA II
Installation	1 x mSATA 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	None
USB 2.0	4 x type A
USB 3.0	1 x type A

Power-On/Reset Button 1 x power on/off, and 1 x reset

Remote -

LED 2 x LEDs, yellow for storage access, and green for 3G status

Antenna Hole 1 x SMA antenna hole

Expansion Interface

Mini-PCIe	1 x full-sized socket with SIM card reader
PCI	1 (default)
PCI Express x1	1 (included in the package)
PCI Express x4	None

Watchdog Timer

Watchdog timer 256 level time interval system reset, software programmable

Power

Power Type	ATX
Power Supply Voltage	+9 ~ 30 VDC
Connector	Phoenix 2-pin connector with lock (5.00 mm)
Power Consumption (Idle)	11.4 W
Power Consumption (Full Load)	17.5 W
Power Adaptor	AC to DC, AC 90 to 240 V _{AC} Input, DC 24V _{DC} /2.5A 60W

Environment

Operating Temperature	0°C ~ 55°C
Storage Temperature	-20°C ~ 70°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)	268 x 65.5 x 195 mm
Construction	Aluminum + SGCC
Weight	2.7Kg
Mounting	Wall mount

Driver Support

Microsoft Windows	WES 7 E, Win 7 Pro FES WE 8.1 Industry Pro
Linux	Kernal 3.12

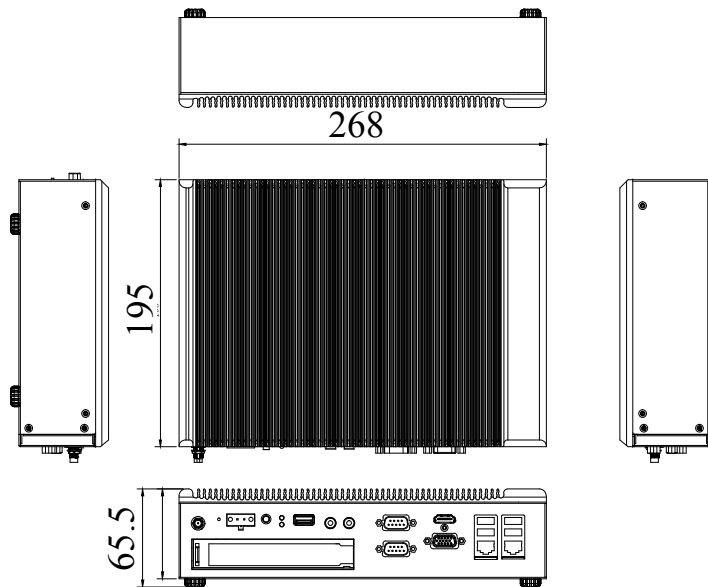
Certification

■ Product I/O View



- | | | |
|----------------------|-------------------|----------------------|
| A Power Input | E PCI/PCIe | I USB 2.0 x 4 |
| B On/Off | F COM x 2 | J LAN x 2 |
| C USB 3.0 | G HDMI | |
| D Audio Jack | H VGA | |

■ Dimensions (W x H x D) 268 x 65.5 x 195 mm (10.6" x 2.6" x 7.7")



■ Ordering Information

LEC-2430-J11A Fanless Box PC with Intel Celeron Processor J1900 @2GHz CPU

■ Standard Accessories

080W1N0002001 Power and SATA Cable 20cm

098W000004000 Metal Black Wall Mount -4

098W000008000 DIN-Rail Mount

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