

LEC-2430

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



Features

- Intel® Celeron® J1900/N2930 or Intel® Atom™ E3845 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, N2930, or Intel Atom E3845
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

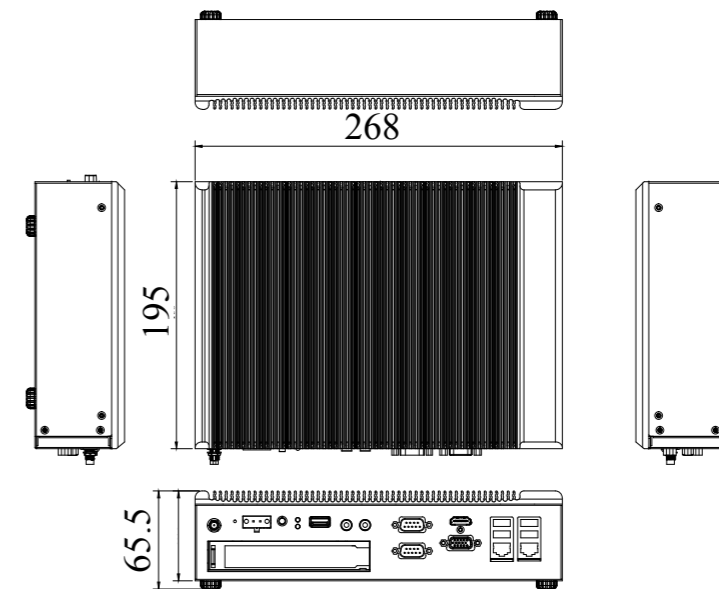
Power-On/Reset Button	1 x power on/off, and 1 x reset
Remote	-
LED	2 x LEDs, yellow for storage access, and green for 3G status
Antenna Hole	1 x SMA antenna hole
Expansion Interface	
Mini-PCIe	1 x full-sized socket with SIM card reader
PCI	1 (default)
PCI Express x1	1 (included in the package)
PCI Express 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
- B On/Off
- C USB 3.0
- D Audio Jack
- E PCI/PCIe
- F COM x 2
- G HDMI
- H VGA
- I USB 2.0 x 4
- J LAN x 2

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
LEC-2430-N11A	Fanless Box PC with Intel Celeron Processor N2930 @1.83GHz CPU
LEC-2430-E51A	Fanless Box PC with Intel Atom Processor E3845 @1.91GHz CPU

Standard Accessories

080W1N0002001	Power and SATA Cable 20cm
098W000004000	Metal Black Wall Mount -4

Lanner