

# LEC-6030

Wide Temperature ICS Cyber Security  
Box PC with Intel® Atom™ E3845 Processor



## ■ Features

- Fanless and compact design
- Intel® Atom™ E3845 1.91GHz SoC CPU
- Wide temperature -40~70°C
- 3 or 5 x GbE LAN ports
- 6030B with one pair LAN bypass
- 6030C with 2 x GbE SFP fiber, 6030E with 4 x GbE PoE
- DIN rail or wall mount

## ■ Preliminary Specifications

### Processor System

CPU	Intel Atom E3845
Frequency	1.91 GHz
Core Number	4
BIOS	AMI SPI Flash BIOS
Chipset	N/A

### Memory

Technology	DDR3L, 1067 MHz
Max. Capacity	4 GB
Socket	1 x 204-pin SODIMM

### Graphic

Controller	Intel HD Graphics
VGA pin-header	1 x internal VGA pin-header

### Ethernet

Controller	Intel i210-IT / 82574L
Speed	10/100/1000 Mbps
Interface	6030B: 5 x RJ45; 6030C: 5 x RJ45 & 2 SFP; 6030D: 5 x RJ45; 6030E: 6 x RJ45 (4 with PoE)
LAN Bypass	6030B: 1 pair
Magnetic Isolation Protection	1.5 KV built-in

### Storage

Type	SATA
Installation	1x SATA connector, optional 2.5" drive bay

### I/O

Serial Port	6030B/E: 1 x internal RS232 pin-header 6030C/D: 1 x DB9 for RS232
Isolation Protection	15KV ESD Protection
USB 3.0 / USB 2.0	1x USB 3.0 / 1x USB 2.0
Power-On/Reset Button	Internal reset button
LED	HDD,STA,PWR,L1~L5,F1~F2,C1~C2

### Watchdog Timer

Watchdog timer 256 level time interval system reset, software programmable

### Power

Power Supply Voltage	6030B/C/D: Dual 12 ~ 36 Vdc, 6030E: 12~48 Vdc
Connector	Phoenix contact 2/6-pin connector w/ lock
Power Consumption (Idle)	TBD
Power Consumption (Full Load)	TBD
Power Adaptor	None

### Environment

Operating Temperature	-40 ~ 70°C
Storage Temperature	-40 ~ 85°C
Relative Humidity	5% ~ 95%, non-condensing

### Mechanical

Dimension (W x H x D)	78 x 146 x 127 mm
Construction	Aluminum + SGCC
Weight	1 kg
Mounting	DIN rail or Wall mount

### Driver Support

Microsoft Windows	Windows 7, Windows 7 Embedded
Linux	Linux 2.6

### Certification

EMC	CE/FCC Class A
Safety	None

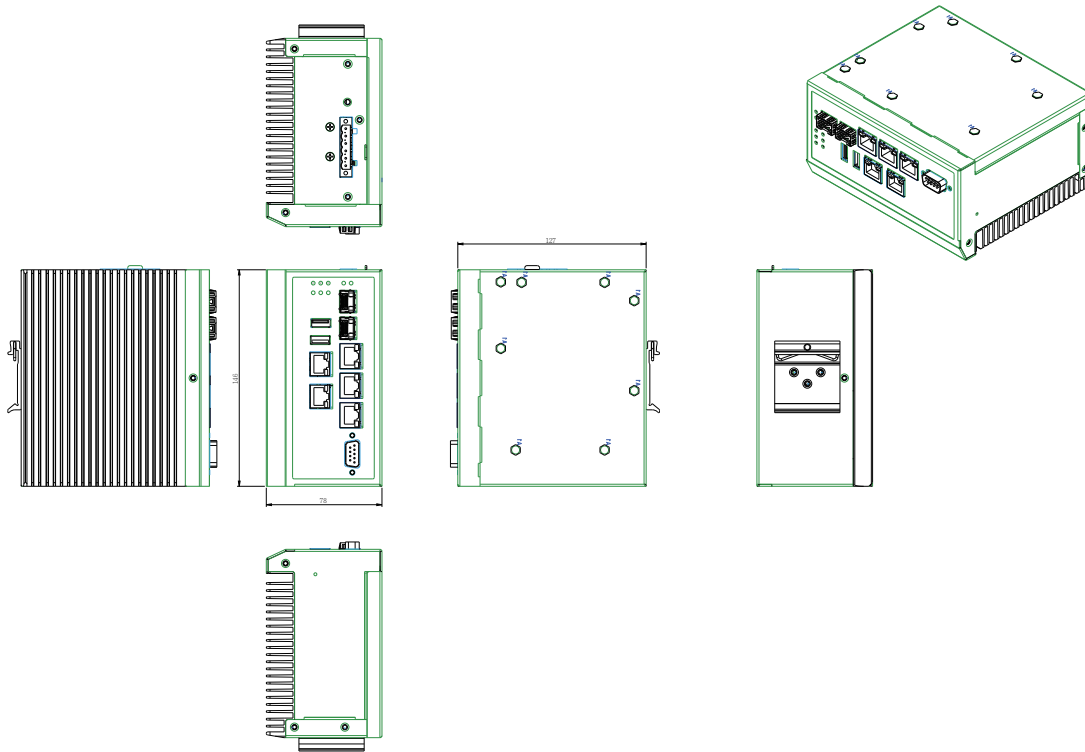
## ■ Product I/O View



LEC-6030C

- |                |                         |
|----------------|-------------------------|
| <b>A</b> DC IN | <b>D</b> LAN            |
| <b>B</b> COM   | <b>E</b> USB            |
| <b>C</b> SFP   | <b>F</b> DIN rail mount |

## ■ Dimensions (WxHxD): 78 x 146 x 127 mm



## ■ Ordering Information

- LEC-6030B** Wide Temperature DIN rail Fanless Box PC with Intel Atom E3845 processor, 5 x GbE RJ45 with 1 pair bypass, 1 x USB 3.0 host, 1 x USB 2.0 host.
- LEC-6030C** Wide Temperature DIN rail Fanless Box PC with Intel Atom E3845 processor, 5 x GbE RJ45, 2 x GbE SFP, 1 x USB 3.0 host, 1 x USB 2.0 host, 1 x DB9 RS232
- LEC-6030D** Wide Temperature DIN rail Fanless Box PC with Intel Atom E3845 processor, 5 x GbE RJ45, 1 x USB 3.0 host, 1 x USB 2.0 host, 1 x DB9 RS232
- LEC-6030E** Wide Temperature DIN rail Fanless Box PC with Intel Atom E3845 processor, 2 x GbE RJ45, 4 x GbE PoE, 1 x USB 3.0 host, 1 x USB 2.0 host

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# Lanner

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[connect@lannerinc.com](mailto:connect@lannerinc.com) | [www.lannerinc.com](http://www.lannerinc.com)

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