

# LEC-3030 Series

Compact Industrial Grade DIN Rail Box PC  
with Intel® E3815/N2807 Processor



## ■ Features

- Fanless and compact design
- Intel® Atom E3815 or Celeron™ N2807 SoC CPU
- LEC-3030T supports -40~70°C wide temperature range
- ESD/surge protection on serial COM ports for harsh environments
- 2 x Isolated RS-232/422/485, 1 x RS-232 pin header, 4 x DI/DO
- 2 x Isolated GbE LAN, 1x USB 3.0, 1x USB 2.0, VGA port
- DIN rail or wall mount

## ■ Specifications

### Processor System

CPU	LEC-3030A: Intel Celeron N2807 LEC-3030T: Intel Atom E3815
Frequency	Atom E3815 at 1.46Ghz Celeron 2807 at 1.58Ghz
Core Number	Atom E3815: Single Core Celeron 2807: Dual Core
BIOS	AMI SPI Flash BIOS
Chipset	SoC

### Memory

Technology	LEC-3030A: DDR3L - 1333 LEC-3030T: DDR3L - 1067
Max. Capacity	4 GB
Socket	1 x 204-pin SODIMM

### Graphic

Controller	Intel® HD Graphics
Display Interface	VGA port

### Ethernet

Controller	Intel® i210-IT
Speed	10/100/1000 Mbps
Interface	2 x RJ45
Protection	1.5KV magnetic isolation protection

### Storage

Type	SATA
Installation	1 x SATA connector support 2.5" HDD

### I/O

Serial Port	2 x Isolated RS-232/422/485 + 1 x RS-232 pin header
Isolation Protection	2KV digital isolation
ESD Protection	15KV ESD protection
USB 2.0	1 x type A, 1 x internal pin header
USB 3.0	1 x type A
DI/DO	1 x 2x5 pin terminal block for 4 x DI/DO
Power-On/Reset Button	Internal reset button
LED	PWR,Storage, RX/TX

### Watchdog Timer

Watchdog timer 256 level time interval system reset, software programmable

### Power

Power Supply Voltage	12 ~ 36 Vdc
Connector	Phoenix contact 2-pin connector with lock
Power Consumption (Idle)	LEC-3030A: 7.9704W LEC-3030T: 8.0676W
Power Consumption (Full Load)	LEC-3030A: 10.5876W LEC-3030T: 10.2744W
Power Adaptor	None

### Environment

Operating Temperature	LEC-3030A: -20 ~ 55°C, LEC-3030T: -40 ~ 70°C
Storage Temperature	-40 ~ 85°C
Relative Humidity	5% ~ 95%, non-condensing

### Mechanical

Dimension (W x H x D)	LEC-3030A: 52 x 130 x 127 mm LEC-3030T: 57.5 x 130 x 127 mm
Fanless	Yes
Construction	LEC-3030A: Steel LEC-3030T: Aluminum +Steel
Weight	1 kg
Mounting	DIN rail or wall mount

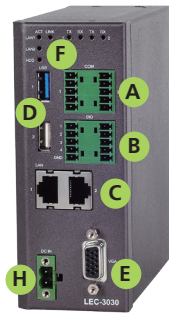
### Driver Support

Microsoft Windows	Windows 7, Windows 7 Embedded
Linux	Linux (Ubuntu)

### Certification

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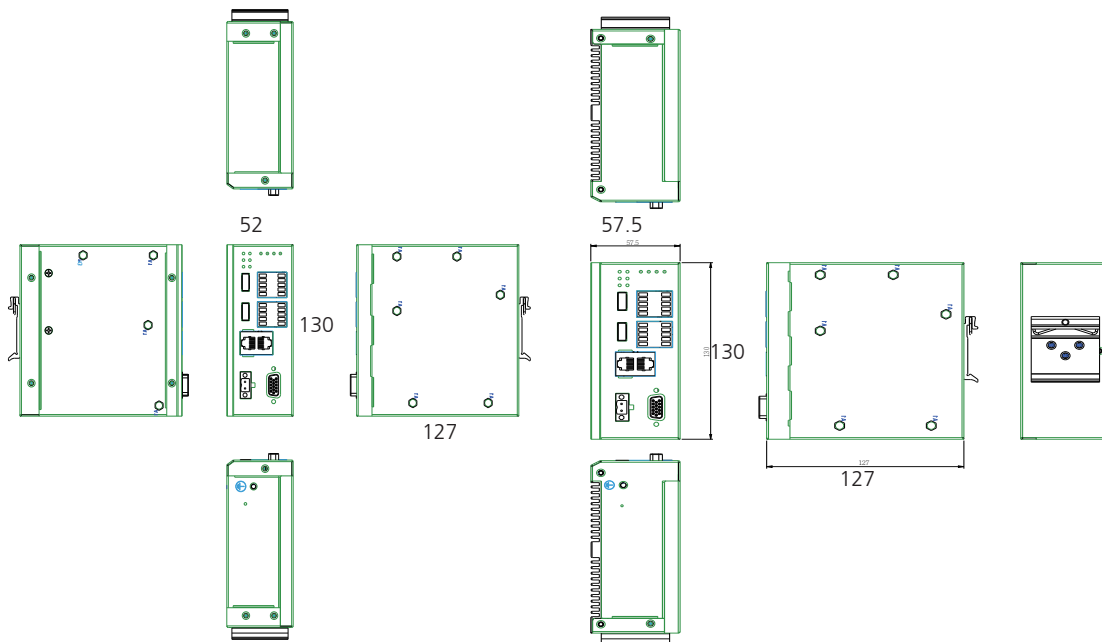
## Product I/O View



- A** COM
- B** DI/DO
- C** LAN
- D** USB
- E** VGA
- F** Status LED
- G** DIN rail mount
- H** DC IN

## LEC-3030A Dimensions (WxHxD): 52 x 130 x 127 mm

## LEC-3030T Dimensions (WxHxD): 57.5 x 130 x 127 mm



## Ordering Information

- LEC-3030A** Industrial Grade DIN rail Fanless Box PC with Intel Celeron N2807 processor
- LEC-3030T** Industrial Grade DIN rail Fanless Box PC with Intel Atom E3815 processor and wide temperature

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