

LEC-3030 Series

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



■ Features

- Fanless and compact design
- Intel® 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

■ Preliminary Specifications

Processor System

CPU	Intel® Celeron® N2807 onboard
Frequency	1.58 GHz
Core Number	2
BIOS	AMI SPI Flash BIOS
Chipset	SoC

Memory

Technology	DDR3L, 1333 MHz
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 (optional 5KV)

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 (optional 5KV)
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)	TBD
Power Consumption (Full Load)	TBD
Power Adaptor	None

Environment

Operating Temperature	LEC-3030: -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-3030: 52 x 130 x 127 mm LEC-3030T: 57.5 x 130 x 127 mm
Fanless	Yes
Construction	LEC-3030: Steel LEC-3030T: Aluminum + Steel
Weight	1 kg
Mounting	DIN rail or wall mount

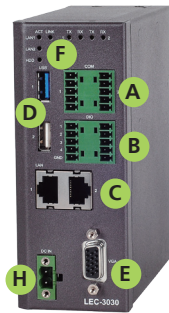
Driver Support

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

Certification

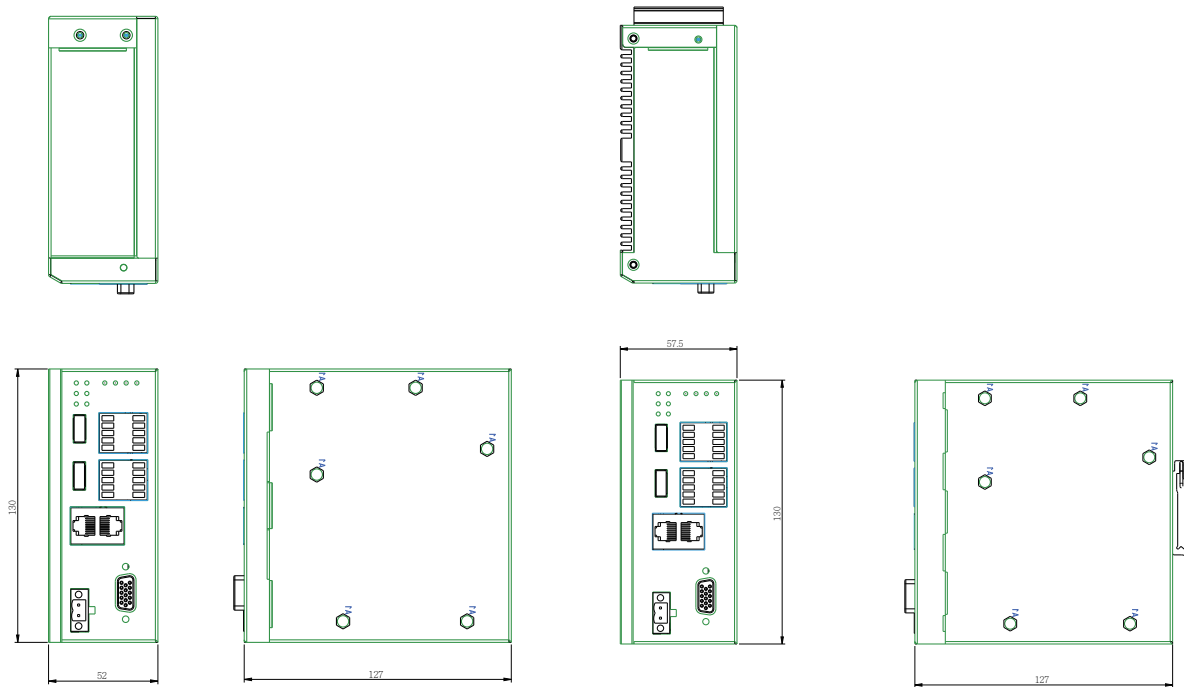
EMC	CE/FCC Class A
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Product I/O View



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

LEC-3030 Dimensions (WxHxD): 52 x 130 x 127 mm LEC-3030T Dimensions (WxHxD): 57.5 x 130 x 127 mm



Ordering Information

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

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