

LEC-3034 Series

DIN Rail Fanless Gateway
with Intel Atom E3825 CPU and
4G-LTE Mobile Connectivity



■ Features

- Fanless and compact design
- Onboard Intel® Atom™ E3825 CPU
- Optional 4G-LTE Mobile Connectivity
- Multiple Isolated RS-232/422/485 ports
- 4x or 2x 1.5KV Magnetic Isolated GbE LAN, 2x USB ports
- Wide operating temperature: -40 ~ 70°C
- DIN rail or wall mount
- VGA output

■ Specifications

Processor System

CPU	Intel® Atom™ Dual Core E3825 onboard
Frequency	1.33 GHz
Core Number	2
BIOS	AMI SPI Flash BIOS
Chipset	SoC

Memory

Technology	DDR3L 1067MHz
Max. Capacity	8 GB
Socket	1 x 204-pin SODIMM

Graphic

Controller	Intel HD Graphics
VGA	1 x VGA port

Ethernet

Controller	Intel i210-IT
Speed	10/100/1000 Mbps
Interface	2x or 4x RJ45
Isolation Protection	1.5 KV magnetic protection <ul style="list-style-type: none">• Hi-Pot test, 1 KV pass• Surge, 2KV pass• Impulse, 2KV pass

Storage

Type	SATA
Installation	1 x SATA connector with 2.5" drive bay
Type	mSATA mini
Installation	1 x mSATA mini socket

I/O

Serial Port	4/6/8 x isolated RS-232/422/485 COM (SKU A/B/C), 4x Isolated RS-485 (SKU D), 8x Isolated RS-485 + 2x RS-232/485
Isolation Protection	<ul style="list-style-type: none">• Hi-Pot test, 1 KV pass• Surge, 2KV pass• Impulse, 2KV pass
ESD Protection	15KV ESD Protection (Contact:8KV, Air:15KV)

USB	1x or 3 x USB 2.0 type A + 1 x USB 3.0 Type A
Power-On/Reset Button	Internal reset button
LED	PWR,RUN,HDD,L1~2, RX/TX 1~4
Expansion Interface	1x m.2 connector with nano SIM slot

Watchdog Timer

Watchdog timer 256 level time interval system reset, software programmable

Power

Power Supply Voltage	12 ~ 36 Vdc, Hi-Pot test with adapter, 1KV pass
Connector	Phoenix contact 2-pin connector with lock
Power Consumption (Idle)	12V: 7.5W 36V: 9.2W
Power Consumption (Full Load)	12V: 10.1W 36V: 11.2W
Power Adaptor	Input 100~240Vac, Output 24V, 2.5A, 60W

Environment

Operating Temperature	-40 ~ 70°C
Storage Temperature	-40 ~ 80°C
Relative Humidity	5% ~ 95%, non-condensing

Mechanical

Dimension (W x H x D)	69 x 169.5 x 127 mm
Fanless	Yes
Construction	Aluminum + SGCC
Weight	1.8 kg
Mounting	DIN rail or Wall mount

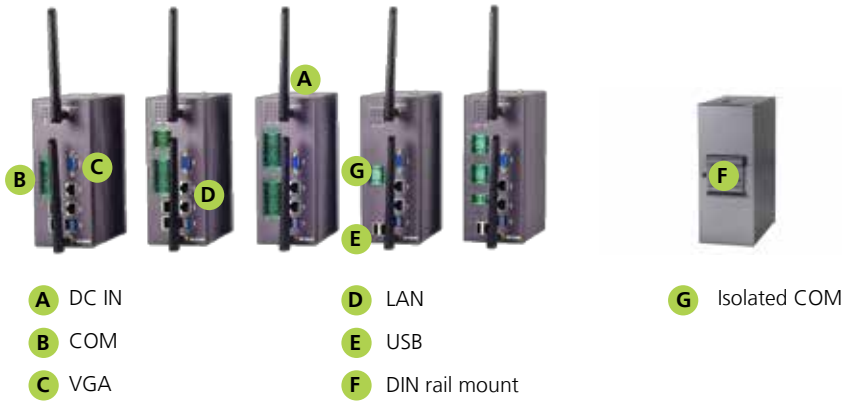
Driver Support

Microsoft Windows	Windows 7
Linux	Linux 2.6

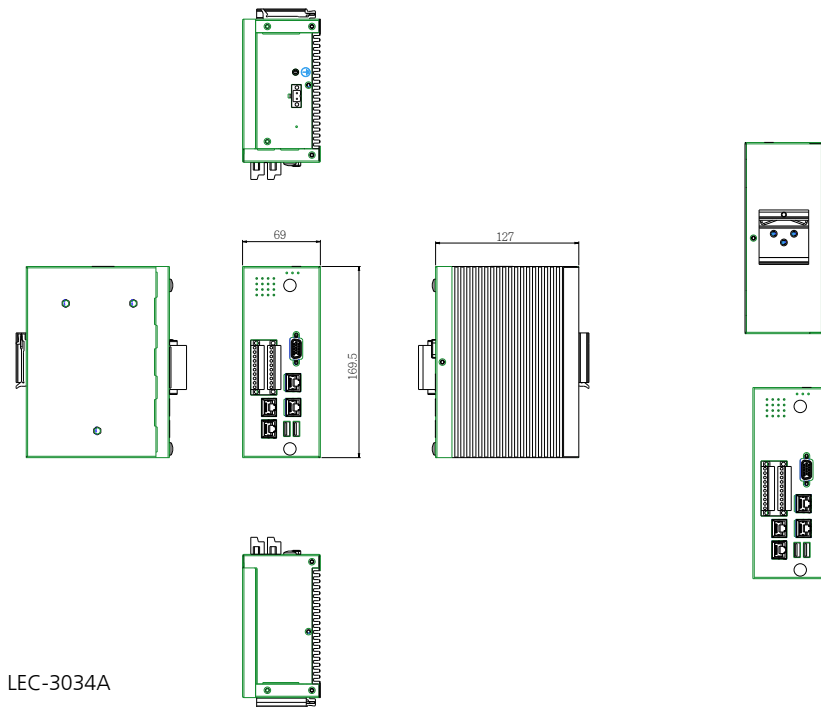
Certification

EMC	CE/FCC Class A
Safety	None

■ Product I/O View



■ Dimensions (WxHxD): 69 x 169.5 x 127 mm



■ Ordering Information

LEC-3034A	DIN rail Fanless Box PC with Intel Atom E3825 processor and 4 x isolated RS-232/422/485 COM, 4 x GbE LAN ports, 1 x USB 2.0 ports, 1 x USB 3.0 ports
LEC-3034B	DIN rail Fanless Box PC with Intel Atom E3825 processor and 6 x isolated RS-232/422/485 COM, 4 x GbE LAN ports, 1 x USB 2.0 ports, 1 x USB 3.0 ports
LEC-3034C	DIN rail Fanless Box PC with Intel Atom E3825 processor and 8 x isolated RS-232/422/485 COM ports, 2 x GbE LAN ports, 1 x USB 2.0 ports, 1 x USB 3.0 ports
LEC-3034D	DIN rail Fanless Box PC with Intel Atom E3825 processor, 2 x GbE LAN ports, 4 Isolated RS-485, 3 x USB 2.0 ports, 1 x USB 3.0 ports
LEC-3034E	DIN rail Fanless Box PC with Intel Atom E3825 processor 2 x GbE LAN ports, 8 Isolated RS-485, 2 x isolated RS-232/485, 3 x USB 2.0 ports, 1 x USB 3.0 ports

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