

LEC-602 IA

IEC 61850-3 Wide Temperature ICS Cyber Security Box PC with Intel Atom N2600 Processor



■ Features

- Wide Temperature ICS Cyber Security Box PC
- IEC 61850-3 and IEEE 1613 Compliance
- Fanless and compact design
- Intel® Atom™ N2600 CPU with NM10 Chipset
- 5 x GbE LAN with 1 pair bypass, 2 x GbE SFP
- 2 x USB and 1 x Isolated RS232
- DIN Rail or Wall Mount

■ Preliminary Specifications

Processor System

CPU	Intel Atom N2600
Frequency	1.6 GHz
Core Number	2
BIOS	AMI SPI Flash BIOS
Chipset	NM10

Fanless

Yes

Memory

Technology	DDR3, 1066/1333 MHz
Max. Capacity	2 GB
Socket	1 x 204-pin SODIMM

Graphic

Controller	Intel HD 4600 Graphics
VGA pin-header	1 x internal VGA pin-header, 1920 x 1200

Ethernet

Controller	Intel i210
Speed	10/100/1000 Mbps
Interface	5 x RJ45 + 2 x SFP
Bypass	1 pair Bypass
Magnetic Isolation Protection	1.5 KV built-in

Storage

Type	SATA (optional)
Installation	1 x SATA connector with 2.5" drive bay (optional)
Type	CF
Installation	1 x CF socket

I/O

Serial Port	1 x RS-232, DB9 male
Isolation Protection	Digital Isolation Protection with 15KV ESD Protection
USB 2.0	2 x type A
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	Dual 12 ~ 48 Vdc
Connector	Phoenix contact 6-pin connector with lock
Power Consumption (Idle)	12V: 16.82 W 48V: 17.91 W
Power Consumption (Full Load)	12V: 19.63 48V: 20.24
Power Adaptor	None

Environment

Operating Temperature	-40 ~ 75°C
Storage Temperature	-40 ~ 85°C
Relative Humidity	5% ~ 95%, non-condensing

Mechanical

Dimension (W x H x D)	160 x 166 x 53.5 mm
Construction	Aluminum + SGCC
Weight	1 kg
Mounting	DIN rail or Wall mount

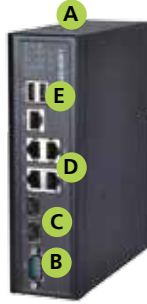
Driver Support

Microsoft Windows	Windows 7, Windows 7 Embedded
Linux	Linux 2.6

Certification

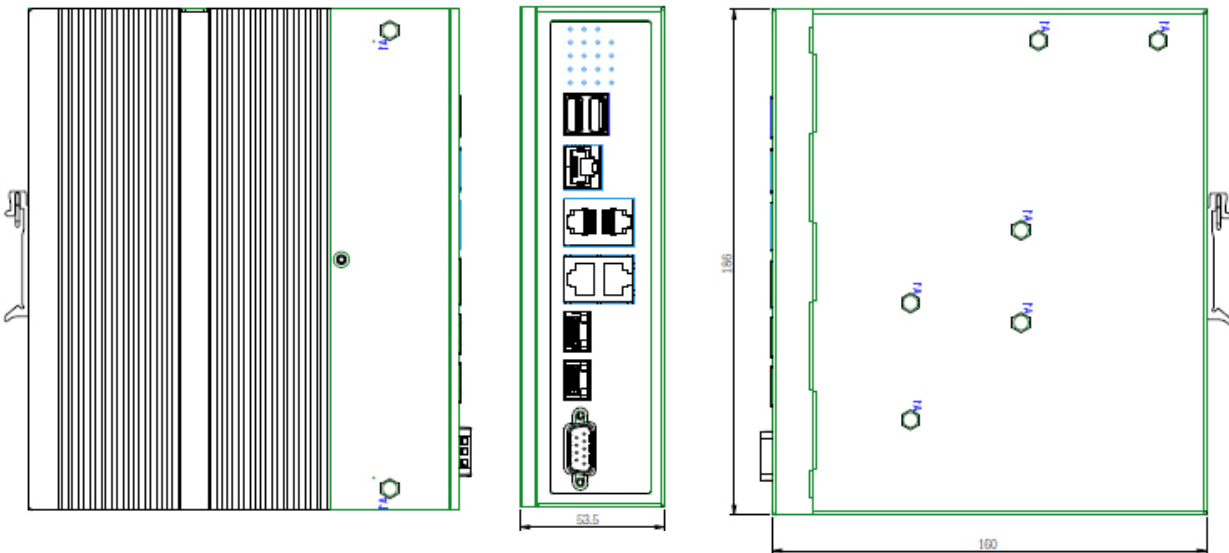
EMC	CE/FCC Class A
Safety	None
Others	IEC 61850-3 compliance

■ Product I/O View



- A** DC IN
- B** COM
- C** SFP
- D** LAN
- E** USB
- F** DIN rail mount

■ Dimensions 160 x 166 x 53.5 mm



■ Ordering Information

LEC-6021A IEC 61850-3 DIN rail Fanless Box iPC with Intel Atom N2600 processor

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