

LEC-3340

IEC 61850-3 Certified 3U Rackmount
Automation Controller for Substation



*Photo by SKU E - G

■ Features

- IEC 61850-3 and IEEE 1613 certified
- Support Intel® Xeon® W-11000 series CPU (Tiger Lake H)
- Support 2x SO-DIMM DDR4 ECC memory up to 64GB
- 4x 2.5GbE RJ45, 1x PCIe x16, 3x PCIe x4
- 5x USB, 2x HDMI, 2x isolated COM ports
- 2x 2.5" swappable drive bays
- Support dual power inputs
- Wide temperature range -40°C~70°C

■ Preliminary Specifications

Processor System

CPU	Intel® Xeon® W-11865MLE/11555MLE/11155MLE
Frequency	1.5GHz / 1.9GHz / 1.8GHz
Core Number	8 / 6 / 4 core
BIOS	AMI SPI Flash BIOS
Chipset	Intel® RM590

Memory

Technology	DDR4 ECC
Max. Capacity	Up to 64 GB
Socket	2 x 260-pin SODIMM

Graphic

Controller	Intel HD Graphics P630
Display Interface	2x HDMI

Ethernet

Controller	Intel® I226IT
Speed	Either 2500 Mbps or 1000 Mbps
Interface	4x 2.5GbE RJ45 ports

Storage

SATA	2x 2.5" Swappable HDD/SSD drive bay support RAID0,1 1x SATA M.2 2242 M-key
PCIe	1x PCIe x4 M.2 2280

I/O

Serial Port	4 x DB9 Male (COM1/COM2/COM3/COM4) onboard with isolation supports software selectable RS-232/422/485 1x IRIG-B
Isolation Protection	2KV Digital Isolation
ESD Protection	15KV ESD Protection
USB	5x USB 3.0 type A (rear USB with key lock)
Expansion	1 x PCIe x16, 3 x PCIe x4 slots
TPM	TPM 2.0 Onboard

Watchdog Timer

Watchdog timer 256 level time interval system reset, software programmable

Power

Support Dual Power Module	100 - 240 VAC 16.6 - 160 VDC
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Environment

Operating Temperature	-40°C ~ 70°C
Storage Temperature	-40°C ~ 85°C
Relative Humidity	5% ~ 95%, non-condensing
Protection Degree	IP20

Mechanical

Dimension (W x H x D)	438 x 131.8 x 300.1 mm
Construction	Aluminum + Steel
Weight	8.5 kg
Mounting	Rackmount

Driver Support

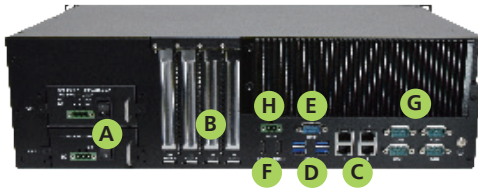
Microsoft Windows	Windows 10 Embedded
Linux	Kernel 5.18, Ubuntu

Certification

EMC	CE, FCC ClassA
Safety	CB,UL
Electrical Substations	IEC 61850-3, IEEE 1613

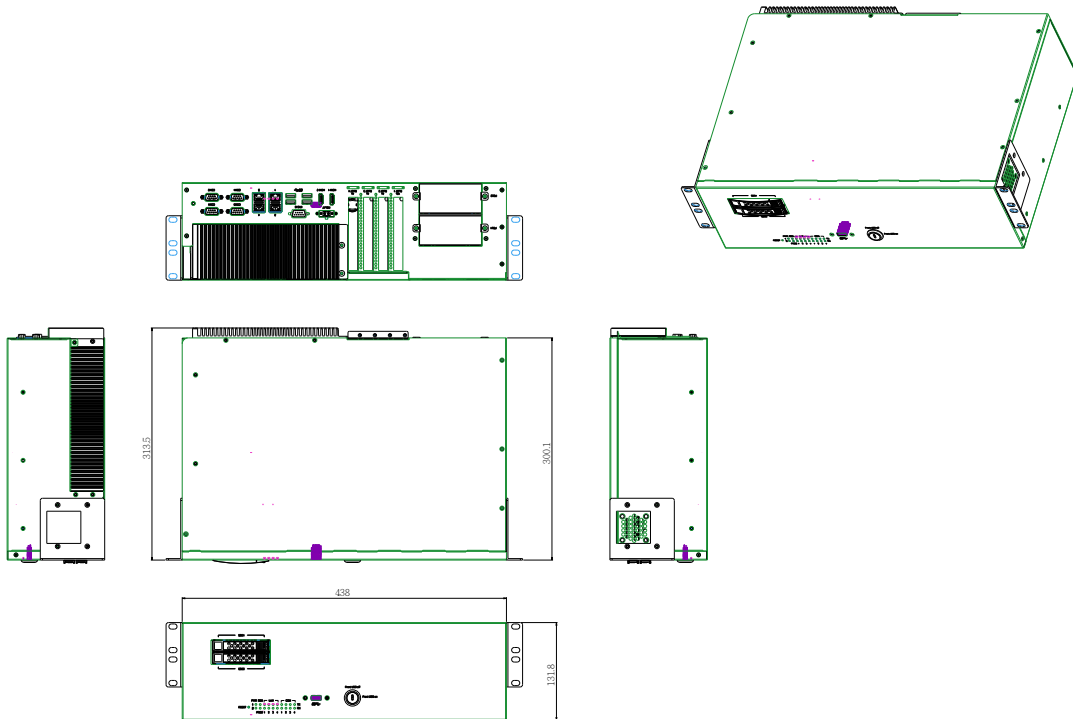
Product I/O View

Front side by SKU E - G



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|---------------------------------|------------------|--|--------------------------------|
| A Redundant Power Supply | D USB 3.0 | G 4x Isolated COM | J USB 3.0 |
| B PCIe x4 | E IRIG-B | H Relay for power failure alarm | K Key lock for rear USB |
| C 4x 2.5GbE RJ45 | F HDMI | I 2x 2.5" swappable drive bays (RAID) | |

Dimensions (WxHxD): 438 x 131.8 x 300.1 mm



Ordering Information

LEC-3340E	Intel® Xeon® W-11865MLE CPU w/ 2x DDR4 ECC SODIMM, 2x HDMI, 4x 2.5 GbE RJ45, 1x SATA M.2 2242 M-key, 1x PCIe x4 M.2 2280, No PSU
LEC-3340F	Intel® Xeon® W-11555MLE CPU w/ 2x DDR4 ECC SODIMM, 2x HDMI, 4x 2.5 GbE RJ45, 1x SATA M.2 2242 M-key, 1x PCIe x4 M.2 2280, No PSU
LEC-3340G	Intel® Xeon® W-11155MLE CPU w/ 2x DDR4 ECC SODIMM, 2x HDMI, 4x 2.5 GbE RJ45, 1x SATA M.2 2242 M-key, 1x PCIe x4 M.2 2280, No PSU
LEA-PB3340A	PSU KIT DC 16.6~160V, 100W
LEA-PB3340B	PSU KIT AC 100~240V, 200W

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