

L-6041B

Whitebox Solutions for uCPE and SD-WAN

Features

- Wide Temperature ICS Cyber Security Box PC
- IEC 61850-3 and IEEE 1613 Certified
- Intel® Atom™ x7-E3950 CPU
- 5 x GbE LAN with 1 pair bypass, 2 x GbE SFP
- Onboard TPM support
- HDMI display output
- Mini-PCIe with SIM slot support 4G-LTE
- 2 x USB 3.0 and 2 x Isolated RS232

Specifications

Processor System	
CPU	Intel Atom x7-E3950
Frequency	1.6 GHz
Core Number	4
BIOS	AMI SPI Flash BIOS
Chipset	SoC
Fanless	
	Yes
Memory	
Technology	DDR3L, 1866 MHz
Max. Capacity	8 GB
Socket	1 x 204-pin SODIMM
Graphic	
Controller	Intel HD 505 Graphics
Interface	1 x HDMI
Ethernet	
Controller	Intel i210
Speed	RJ45: 10/100/1000Mbps, SFP: 1 Gbps
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	mSATA
Installation	1 x optional mSATA socket
Expansion	
	1x mini-PCIe with 1 SIM card for 4G LTE module (USB & PCIe signal)



Images are for reference only. See ordering information for SKU details.

I/O	
Serial Port	2 x RS-232, DB9 male
Isolation Protection	Digital Isolation Protection with 15KV ESD Protection
USB	2 x USB 3.0 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 20 ~ 54 Vdc
Connector	Phoenix contact 6-pin connector with lock
Power Consumption (Idle)	13.19W
Power Consumption (Full)	27.42W
Power Adaptor	None
Environment	
Operating Temperature	-40 ~ 70°C
Storage Temperature	-40 ~ 85°C
Relative Humidity	5% ~ 95%, non-condensing
Mechanical	
Dimension (W x H x D)	186 x 160 x 65 mm
Construction	Aluminum + SGCC
Weight	1.6 kg (3.52 lbs)
Mounting	DIN rail or Wall mount
Driver Support	
Microsoft Windows	Windows 10 PRO
Linux	Kernel 4.X
Certification	
EMC	CE, FCC Class A
Safety	CB, UL
Others	IEC 61850-3, IEEE 1613

*Full homologation country list available upon request

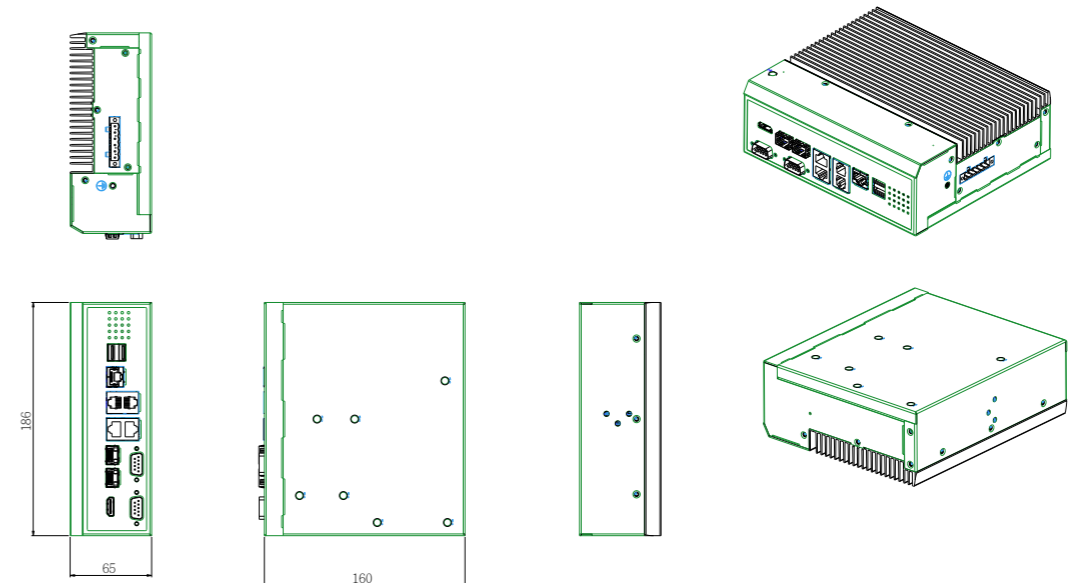
Product I/O View

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- A** DC IN
- B** USB
- C** RJ45
- D** SFP
- E** HDMI
- F** COM
- G** DIN rail

Dimensions (WxDxH) 186 x 160 x 65 mm



Ordering Information

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IEC 61850-3 Wide Temperature ICS Cyber Security Gateway with Intel Atom x7-E3950 processor

