

L-1515

Whitebox Solutions for uCPE and SD-WAN



■ Features

- Fully configured systems based on NCA-1515 ready for deployment
- Intel® Atom® C3000 Processor (Denverton)
- 4x GbE RJ45 Intel® SoC Integrated MAC, 2x GbE RJ45 Intel® i350 and 2x GbE SFP Intel® i350
- 2x 260-pin DDR4 2400/2133/1866MHz, ECC/Non-ECC SODIMM (By SKU), Max. 32GB
- 1x RJ45 Console, 2x USB 2.0, 2x Nano SIM for M.2
- 2x Mini-PCIe (PCIe / USB 2.0), 1x M.2 2242 B Key (USB 3.0)

■ Specifications



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

Platform	
Form Factor	Desktop based on NCA-1515
Processor Options	Intel® Atom® C3000 (Denverton)
CPU Socket	Onboard
Chipset	SoC
Security Acceleration	Intel® QuickAssist Technology
BIOS	AMI SPI Flash BIOS
System Memory	
Technology	DDR4 2400/2133/1866 MHz ECC/Non-ECC SODIMM (By SKU)
Max. Capacity	32GB
Socket	2 x 260-pin SODIMM
Networking	
Ethernet Ports	4 x GbE RJ45 Intel® SoC Integrated MAC 2 x GbE RJ45 Intel® i350 2 x GbE SFP Intel® i350
Bypass	N/A
NIC Module Slot	N/A
LOM	
IO Interface	1 x RJ45 (By SKU)
OPMA Slot	Yes
I/O Interface	
Reset Button	1
LED	Power/Status/Storage
Power Button	1
Console	1 x RJ45
USB	2 x USB 2.0
LCD Module	N/A
Display	N/A
Power Input	1 x DC Jack

Storage	
HDD/SSD Support	1 x 2.5" Bay (Optional)
Expansion	
PCIe	N/A
Mini-PCIe	2 x Mini-PCIe (PCIe/USB2.0), 1 x M.2 2242 B Key (USB3.0)
SIM Card Slot	2 x Nano SIM for M.2
Miscellaneous	
Watchdog	Yes
Internal RTC with Li Battery	Yes
TPM	TPM 2.0
Cooling	
Processor	Passive CPU Heatsink
System	1 x Cooling Fan w/ Smart Fan
Environmental Parameters	
Temperature	0~40°C Operating -20~70°C Non-Operating
Humidity (RH)	5~90% Operating 5~95% Non-Operating
System Dimensions	
(WxDxH)	231 x 200 x 44 mm
Weight	1.2 kg
Package Dimensions	
(WxDxH)	358 x 135 x 290 mm
Weight	2.75 kg
Power	
Type / Watts	36W or 60W Power Adapter (By SKU)
Input	AC 100~240V @50~60 Hz
Certification*	
Approvals and Compliance	RoHS, CE/FCC Class A, UL

*Full 65 country homologation list available upon request

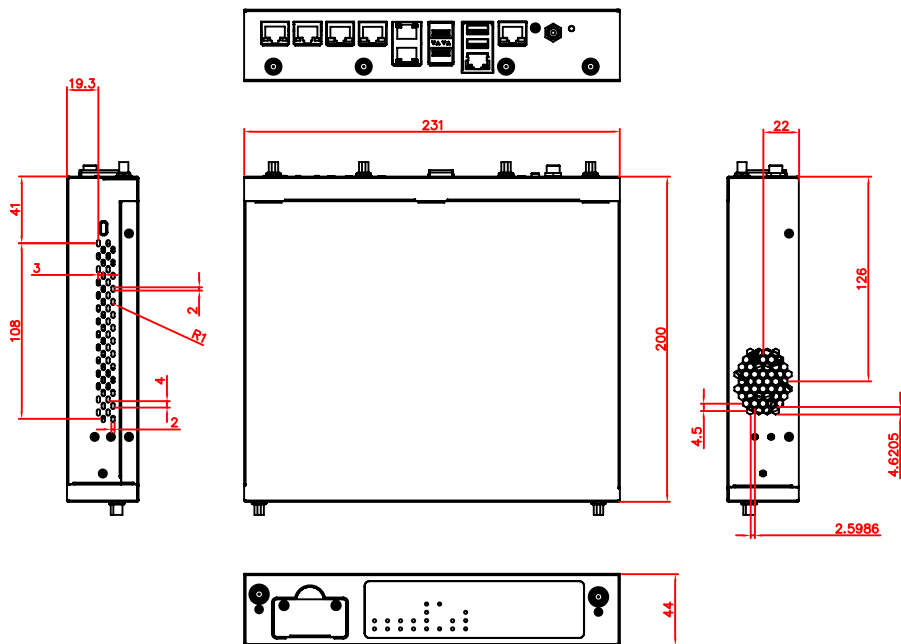
Product I/O View

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- A** Reset
- B** DC Jack
- C** Power On/Off
- D** LOM
- E** Console & 2x USB Ports
- F** 2x GbE SFP
- G** 2x GbE RJ45
- H** 4x GbE RJ45
- I** SIM Socket
- J** LED for LAN/Status

Dimensions (WxDxH) 231 x 200 x 44 mm



Ordering Information

Model Number Key

L-1515C- 2C	-mm	-ss	-cc	-ww	-x	-pc
L-1515B- 4C	-mm	-ss	-cc	-ww	-x	-pc
L-1515A- 8C	-mm	-ss	-cc	-ww	-x	-pc
L-1515E-12C	-mm	-ss	-cc	-ww	-x	-pc
L-1515F-16C	-mm	-ss	-cc	-ww	-x	-pc

Key Parts

Type	Designator	Available Capacity or Options
Memory (GB)	mm	= 2/4/8/16/32 (add "E" for ECC)
SSD	ss	= 32/64/128/256/512GB and 1TB (add "M" for M.2)
Cellular*	cc	= C1/C2/C3/C4
WiFi**	ww	= W1/W2/W3/W4/W5
Accessories	x	= B (BMC), T1 (TPM1.2), "blank" (TPM2.0)
Power Cord	pc	= EU (Europe), US (USA), UK (United Kingdom)

Cellular Module

Cell Module*	Designator
LTE M.2 NA/EU CAT6	C1
LTE M.2 APAC CAT6	C2
LTE mPCIe NA/EU CAT6	C3
LTE mPCIe APAC CAT6	C4
LTE M.2 Global Cat6	C5
LTE M.2 China Cat6	C6

WiFi Module

WiFi Module**	Designator
2x2 Dual Band + BT	W1
2x2 Dual Band	W2
4x4 Dual Band Select	W3
4x4 2.4G	W4
4x4 5G	W5

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All product specifications are subject to change without notice.

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