

L-5520

Whitebox Solutions for uCPE and SD-WAN



■ Features

- 1st / 2nd Gen Intel® Xeon® Processor Scalable Family (Codenamed Skylake / Cascade Lake)
- Intel® C627 chipset with QAT up to 100 Mb/s
- 4x 10G SFP+, MGMT, 4x NIC Module Slots
- 10x 288pin DDR4 2666 / 2933 MHz REG DIMM, Max. 320 GB
- 4x Swappable Fans, Dual PSUs



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

■ Specifications

Platform	
Processor Options	1st / 2nd Gen Intel® Xeon® Processor Scalable Family (Skylake / Cascade Lake)
Chipset	Intel® C627 (C621 / C626 optional)
BIOS	AMI SPI Flash BIOS
Memory Technology	DDR4 2666 MHz REG DIMM
Memory Capacity	320GB
Memory Socket	10 x 288-pin DIMM
I/O Interface	
Default LAN	4 x 10G SFP+ Lewisburg Internal MAC (4 x GbE RJ45 optional)
Bypass	Depending on NIC Module Specifications
Console	1 x RJ45, 1 x Mini USB
Ethernet modules	4x NIC Module Slots
Security acceleration	Intel® QuickAssist Technology
Display output	Internal Pin Header
USB 3.0	2 x Type A
IPMI via OPMA slot	IPMI chip onboard
TPM	Yes (Optional)

*Full 65 country homologation list available upon request

Storage	
SATA storage	2 x 2.5" Internal Drive Bays, 1 x mSATA
Power and Mechanical	
Power input	AC Power Inlet on PSU
Type/Watt	650W 1+1 Redundant PSUs
Expansion	1 x PCI-E*8 FH/HL (Optional)
Reset	1 * Reset Button
Processor cooling	Passive CPU Heatsink
System cooling	4 x Individual Hot-swappable Cooling Fans w/ Smart Fan Control
Certifications	
Certifications	RoHS
Physical and Environmental	
Storage temperature	-20°C to 70°C
Operating temperature	0°C to 40°C
Operating humidity	5% to 95% (non-condensing)
Dimensions (W x D x H)	438 x 650 x 43.5 mm (17.24" x 25.59" x 1.71")
Weight	16.5 kg (36.3 lbs)
Watchdog	Yes

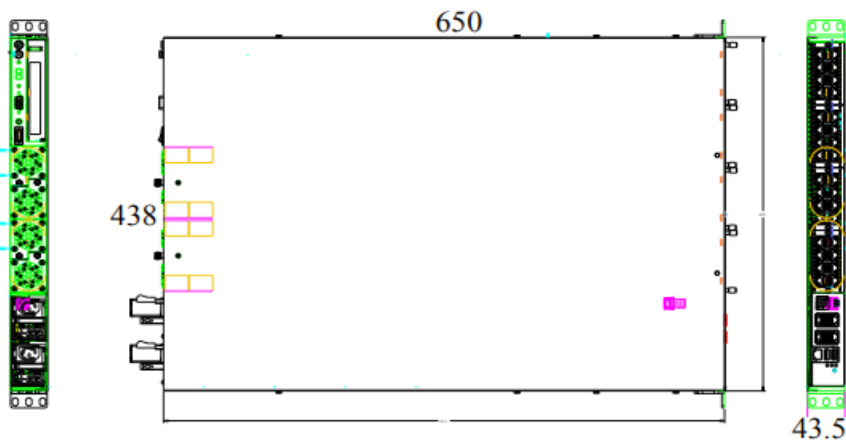
Product I/O View

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- A** System LED
- B** 2x USB3.0 & IO Interface
- C** 4x GbE RJ45 or 4x SFP+
- D** IPMI & Mini-USB Console
- E** NIC Module Slots
- F** PCIe Slot (Optional)
- G** Power Switch
- H** Swappable Fans
- I** PSU

Dimensions (WxDxH) 438 x 650 x 43.5 mm



Ordering Information

Model Number Key

L-5520C	-c	-mm	-ss	-xxx	-xxx	-xxx	-cc	-ww	-pp
Product name	CPU core count	Memory	SSD	I/O interface	I/O interface	I/O interface	Cellular	WiFi	Power cord

Key Parts

Type	Designator	Available Capacity or Option
CPU	C	= 8/10/12/14/16/20/22/24 Core Intel Xeon Scalable (Skylake / Cascade Lake)
Memory GB	mm	= 16/32/64/96/128/192/256/320 (add "R" for ECC registered memory)
SSD	ss	= 32/64/128/256/512GB and 1TB
I/O Interface	xxx	= 8GC/8GF/4XF/8XF/2QF25 / 2QF/2QF100 / 4GC/4GF (use "AD" for LTE / WiFi adaptor: no ports)
Cellular	cc	= C1/C2/C3/C4/C5/C6
WiFi	ww	= W1/W2/W3/W4/W5
Accessories	x	= TPM 1.2 /TPM 2.0
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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