Lanner

Delivering Industry-leading NFV-based uCPE Solutions

ADVA
Optical Networking

WHITEBOX SOLUTIONS

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Lanner partners with ADVA to enable communication service providers (CSPs) in their migration toward universal Customer Premises Equipment (uCPE) deployments. Pre-validated with ADVA Ensemble Connector, the joint-solution creates a cost-effective, cloud-native edge compute platform that provides the essential features for secure networking, including routing, tunnels, and path resiliency

Lanner whitebox uCPE L-1515 is powered by Intel® Atom® C3000 Series 2-16 Cores CPU, up to 64 GB RAM, 4~6 GbE, 2x SFP, and Intel QAT supported on all ports. It hosts up to 3 wireless modules via 6 antennas for enhanced LTE/Wi-Fi connectivity. Combined with ADVA Ensemble Connector, the industry-leading edge compute platform supports managed networking services as well as private customer workloads, in an IaaS/PaaS delivery mode.

Lanner has a portfolio of CPE devices supporting S-M-L-XL deployments that range from Atom – Xeon performance

Certified by

AT&T

PTCRB

verizon√

Lanner has certified NCA-1515/L-1515 with ADVA Ensemble Connector on AT&T and Verizon's Open Development Device Initiative (ODI). The high-performance ADVA-Lanner joint solution with LTE access provides scalability and flexibility in SDN and NFV deployments with a robust and stable wireless connection.

Lanner uCPE

L-1510
- Intel® Atom® C3000 Processor (Denverton)
- 4x RJ45, 2x SFP or 2x RJ45 (By SKU)
- 1 x Mini-PCIe, 1 x M.2 w/ Nano SIM

L-2510
- Intel® Atom® C3000 Processor (Denverton)
- 5x GbE RJ45, 4x 10G SFP+
- 1x NIC Module Slot

L-1515
- Intel® Atom® C3000 Processor (Denverton)
- 4x RJ45, 2x SFP & 2x RJ45 (By SKU)
- Design ready for 5G Sub-6 and WiFi 6

L-4010
- Intel® Atom® C3000 Processor (Denverton)
- 5x GbE RJ45, 4x 10G SFP+
- 1x NIC Module Slot

L-4025
- Intel® Xeon D-2100 Processor (Skylake D)
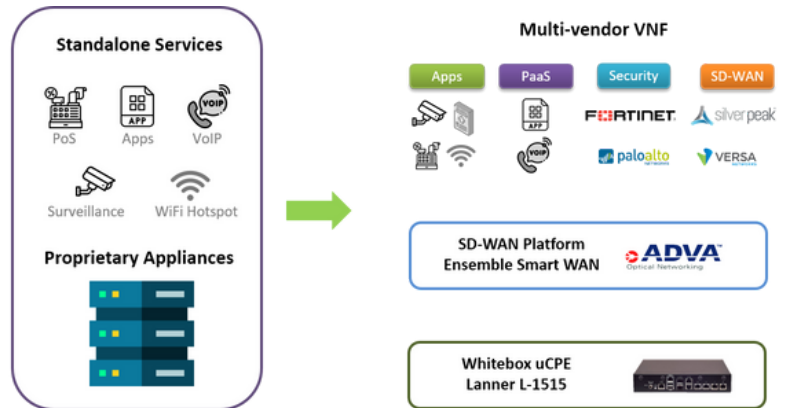- 8x GbE RJ45 and 4x SFP+
- 2x NIC Module Slots

L-5520
- Intel® Xeon® Scalable Processor (Cascade Lake)
- 4x 10G SFP+
- 4x NIC Module Slots

ADVA Ensemble Connector

- **vRouter**: a compact, high-performance embedded routing engine to provide a dual stack advanced networking feature set.
- **Networking**: build overlay networks across a variety of private, public and wireless network technologies
- **Management**: a centralized, efficient, and easy-to-use tool streamlines creation of traffic distribution policies and automates site deployment
- **Expandability** – expand the platform with more advanced uCPE features via VNF/CNF onboarding

Ordering Information   Order online: www.whiteboxsolution.shop

PN	CPU	Core Count	Memory	SSD	RF
L-1510B-4C-8E-128M-AV1	Atom C3558	4	8GB	128GB	
L-1510B-4C-16E-256M-AV1	Atom C3558	4	16GB	256GB	
L-1513E-4CL-8E-128M-AV1	Atom C3436L	4	8GB	128GB	
L-1513E-4CL-8E-256M-AV1	Atom C3436L	4	8GB	256GB	
L-1513E-4CL-16E-256M-AV1	Atom C3436L	4	16GB	256GB	
L-1515B-4C-8E-128M-AV1	Atom C3558	4	8GB	128GB	
L-1515B-4C-8E-128M-C1-AV1	Atom C3558	4	8GB	128GB	LTE Cat 6
L-1515B-4C-16E-256M-AV1	Atom C3558	4	16GB	256GB	
L-1515B-4C-16E-256M-C1-AV1	Atom C3558	4	16GB	256GB	LTE Cat 6
L-1515A-8C-16E-256M-AV1	Atom C3758	8	16GB	256GB	
L-1515A-8C-16E-256M-C1-AV1	Atom C3758	8	16GB	256GB	LTE Cat 6
L-1515A-8C-32E-512M-AV1	Atom C3758	8	32GB	512GB	
L-1515A-8C-32E-512M-C1-AV1	Atom C3758	8	32GB	512GB	LTE Cat 6
L-1515E-12C-32E-512M-AV1	Atom C3858	12	32GB	512GB	
L-1515E-12C-32E-512M-C1-AV1	Atom C3858	12	32GB	512GB	LTE Cat 6
L-1515F-16C-32E-512M-AV1	Atom C3958	16	32GB	512GB	
L-1515F-16C-32E-512M-C1-AV1	Atom C3958	16	32GB	512GB	LTE Cat 6
L-4010Y-8C-32R-512-AV1	Xeon D1548	8	32GB	512GB	
L-2510B-8C-32R-512-AV1	Atom C3758	8	32GB	512GB	

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