

Certified 4G LTE-enabled White Box uCPE from Lanner and Enea

Verizon Wireless Open Development certification reduce time to market and certification cost for 4G LTE enabled uCPE



Lanner and Enea has certified a complete uCPE solution, including white box, LTE module, and virtualization software, through Verizon Wireless' *Open Development* program. CSPs and enterprises deploying network solutions at the customer premises edge benefit from the certification as they have a proven, ready-to-go infrastructure solution to deploy.



The uCPE solution certified by Verizon is based on Lanner's L-1515 white box and Enea's uCPE virtualization and management software, Enea NFV Access. Powered by a scalable Intel CPU and small footprint virtualization software, it hits the sweet spot for most SD-WAN deployments with optimized networking performance and high compute density.



Whitebox Solutions™ L-1515 Features

- ▶ Fully configured, 4G LTE certified Whitebox Solutions™ platform based on Lanner NCA-1515 ready for deployment
- ▶ Intel® Atom® C3000 Processor (Denverton), 2-16 Core
- ▶ 4x GbE RJ45 Intel® SoC Integrated MAC, 2x GbE RJ45 Intel® i350 and 2x GbE SFP Intel® i350 SR-IOV
- ▶ 2x 260-pin DDR4 2400/2133/1866MHz ECC Max. 64GB
- ▶ Intel's QuickAssist Technology
- ▶ 6 antennas for enhanced 4G / LTE connectivity
- ▶ Simplified device management, bottleneck- free network traffic, optimal operational efficiency for seamless deployments in remote offices and distributed locations
- ▶ Enables SD-WAN portals capable of delivering add-on VNF services such as VoIP, VPN, vRouter, firewall and QoE.

Enea NFV Access Features

Designed for Edge

- ▶ Low footprint – built ground up for uCPE and not based on OpenStack
- ▶ High networking performance
- ▶ Secure Zero Touch Provisioning for easier deployment at branch offices without truck-rolls

Pure play software

- ▶ No lock-in with open APIs and standards
- ▶ Works with any Lanner white box, any VNF, and any orchestration

End-to-end management

- ▶ Automation simplifies roll-outs and management of large networks
- ▶ Secure NETCONF based management

Ordering Information

Lanner-Enea Model Number	CPU Core	Memory	Storage	LAN	LTE	NFV Access
L-1515B-4C-8E-64M-C1-EN1	4	8	64GB	6 x GbE, 2 x SFP	Cat-6	EN1
L-1515B-4C-16E-128M-C1-EN1	4	16	128GB	6 x GbE, 2 x SFP	Cat-6	EN1
L-1515A-8C-32E-512M-C1-EN1	8	32	512GB	6 x GbE, 2 x SFP	Cat-6	EN1
L-1515E-12C-32E-512M-C1-EN1	12	32	512GB	6 x GbE, 2 x SFP	Cat-6	EN1
L-1515F-16C-32E-512M-C1-EN1	16	32	512GB	6 x GbE, 2 x SFP	Cat-6	EN1
L-1515F-16C-64E-1TM-C1-EN1	16	64	1TB	6 x GbE, 2 x SFP	Cat-6	EN1

More Information

- ▶ www.enea.com/nfv
- ▶ www.whiteboxsolution.com
- ▶ opendevdevelopment.verizonwireless.com/device-showcase/device/12678

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