

SCALABLE VIRTUAL ROUTER

PRE-VALIDATED WHITEBOX UCPE PLATFORMS ENABLE VIRTUALIZED ROUTING AND SECURITY AT THE EDGE

SOLUTION BRIEF



Whitebox uCPE

- Wide selection: 4~24 cores, 1~100G RJ45/SFP+
- Optional add-ons: DPDK, SR-IOV, QAT, IPMI
- Options for 5G, LTE, WiFi



vRouter

- End-to-End encryption and secure VPN IPsec tunnels
- Centralized certificate-based security
- Support for standard routing protocols and encryption with high throughput and low resource requirements



Ensemble

Virtualization Solution

- Automated deployment at scale with zero touch provisioning (ZTP)
- Open system can host any VNF or end user application leveraging the vRouter for access
- Optimized forwarding in software and pass through to hardware offload
- Field-tested solution deployed by operators and enterprises worldwide

Virtual Router at the Edge

Demand for secure network access and cloud-centric technologies is driving the need for virtual router (vRouter) applications supporting Quality of Service (QoS) and NAT hosted on best-of-breed servers from Lanner.

Full Range of Whitebox uCPE Appliances

Lanner provides a wide range of virtual routing appliances verified by ADVA and 6WIND technology. Choose from 1 to 100G copper/fiber network I/O, Linux OS and remote access method, and support for acceleration technologies like SR-IOV, PCI-pass through and Intel® QuickAssist Technology (QAT).

Remote SD-WAN Evaluation Program

Lanner partners with 6Wind and ADVA to build a SD-WAN virtual router platforms that allows solution providers to remotely deploy virtual network function applications.

