

Edgility Edge Computing Platforms



**TELCO
SYSTEMS**

EDGILITY
THE COMPETITIVE EDGE



Lanner collaborate with Telco Systems to build an edge computing platform that consolidate Lanner uCPE appliances and Telco System's Edgility Platform that simplifies the deployment, operations, and life-cycle management of complex business apps, network functions and compute devices, on the edge, at scale.

The bundled Edge Computing Platform helps you eliminate the complexity of managing a spectrum of edge devices across thousands of distributed sites connected by any network to any data center or cloud provider.



uCPE NCA-1040

- Onboard Intel® Atom X6413E/ Pentium N6415 CPU (Codenamed Elkhart Lake)
- DDR4 Max. 32GB
- 4x GbE RJ45 , 1x Console, 1x USB 3.0,
- 1x Display Port
- 4x Antenna Holes
- 1x Mini-PCIe, 1x M.2, 2x Nano SIM



uCPE NCA-1515

- Intel® Atom® C3000 Processor
- 6 x GbE & 2 x SFP with SR-IOV
- DDR4 Max. 64GB
- LTE/WIFI ready with PTCRB & Verizon ODI certification
- Support TPM 2.0, BMC
- 1 x Cooling Fan w/ Smart Fan Control



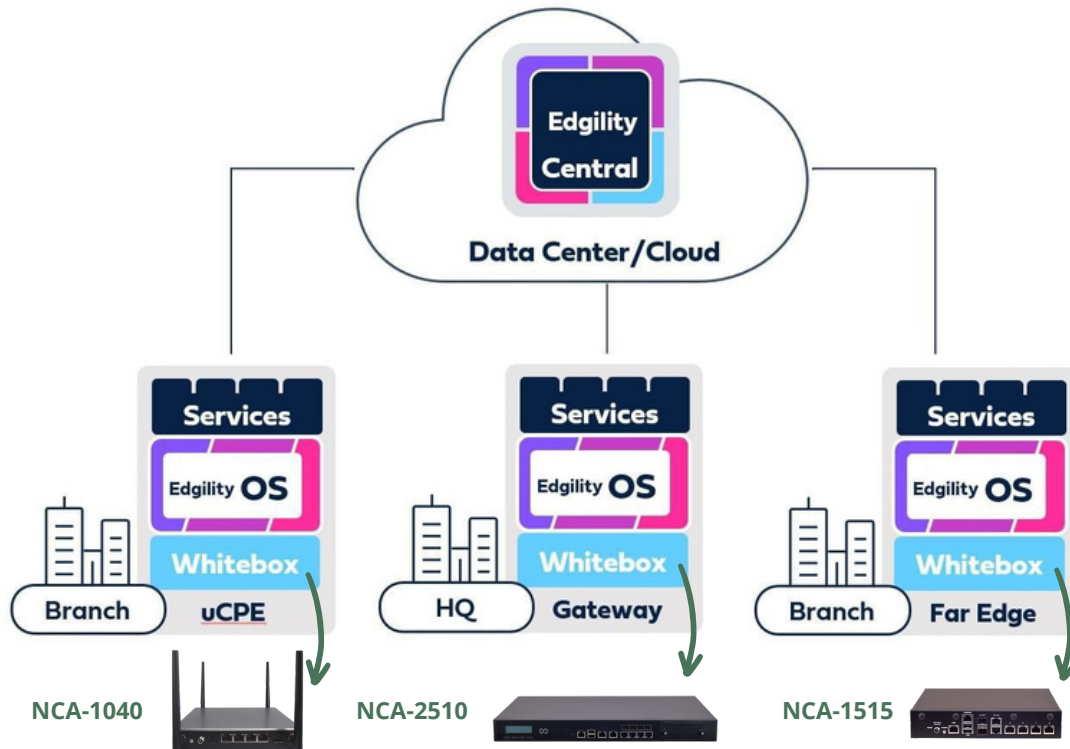
uCPE NCA-2510

- Intel® Atom® C3000 Processor
- DDR4 Max. 128GB or 64GB
- 5x GbE RJ45, 4x SFP+, 2x Pairs of Gen3 Bypass (By SKU)
- 10GbE SFP+, 1x NIC Module Slot
- Intel® QuickAssist Technology
- SR-IOV, Intel® AES-NI Support
- 2x 2.5" HDD/SSD Bays, 1x mSATA



Edgility OS

Edgility OS is a high-performance operating system tailored exclusively for Network Function Virtualization (NFV) edge computing. It is designed with precision and empowers Lanner whitebox uCPE appliances, to function seamlessly as fully capable Far Edge Devices. Harness the advantages of Edgility OS to elevate your edge computing capabilities, delivering superior performance and operational efficiency.



Integrated Connectivity

Edge computing is about connecting sites, devices, and applications to create workloads. A workload can span across the Edge Continuum, by connecting edge sites to the cloud for instance - which means it's extremely dependent on reliable connectivity. Edgility's Network Functions layer (ENF) includes in-house, integrated Router, and Next Generation Firewall, with a feature set that's been carefully adjusted for edge computing in order to cut the costs involved in deploying a massive number of edge devices.

Accelerate Performance

EdgilityOS integrally supports bit rates of up to 10Gb/s, and includes DPDK to accelerate data bit rates, as well as OVS for L2 network services and VPP for L3 network services. It supports a variety of physical interfaces including copper, fiber, Wifi, LTE, and 5G.

AI Acceleration

Manufacturing, logistics, retail, and transport, to name a few, use AI-assisted Computer Vision analytics applications to be more competitive and efficient. These applications use AI accelerator chipsets to accommodate data volumes and promptly provide inferences. EdgilityOS enables the use of AI accelerators in any device from any vendor.

Full Openness

EdgilityOS turns ANY computing platform into a fully functioning edge device. This means that it can run complex workloads containing both VMs and containers, running ANY virtual or cloud-native function, on ANY physical or virtual device, from ANY vendor or supplier..