



LiveEdge® Node

LiveEdge® Node is the OG member of the **LiveEdge® Ecosystem**, the device that instigated compute at the point-of-production by targeting complex workflows head-on - with three main goals; to simplify, to be low latency, to be more cost effective than usage-based cloud workflows.



DATASHEET

LiveEdge® Node is built on a familiar chassis... but that's where the similarities end. Node is a standards-based, scalable UHD 4Kp30/1080p60 device designed for the LiveEdge® Ecosystem - a full-on subscription service - served up with Compute, Cloud Control, vCare support, and an encoding container, plus the option to subscribe to additional LiveEdge® services at any time, giving you the ability to create the perfect **hybrid:cloud** workflow.

LiveEdge® Compute (included) - Empowers developer applications to run at the contribution edge using Docker containers. Compute also provides access to the LiveEdge® Marketplace, the best place to find the right partners and container-based applications to further optimize and refine end-to-end workflows. The LiveEdge® Developer Program, Toolkits, and Virtual Sandbox enable and support development of LiveEdge® containers.

LiveEdge® Cloud Control (included) - All devices include remote management and active monitoring w/alerts, presets/profiling, device and fleet configuration and licensing, batch processing, access to the Cloud Control REST API and management of LiveEdge® containers.

vCare (included) - Live workflows are time-sensitive and continue to evolve at warp speed, vCare enables the immediate support needed. vCare provides a 24x7x365 dedicated pit crew, the insurance required for live streaming workflows, including software upgrades, updates, bug fixes and advanced replacement.

Videon Labs
814.235.1111
videonlabs.com

LiveEdge® Licensing Options:

LiveEdge® Stream - Minimizes latency and reduces cloud costs while providing viewers with a reliable, high-quality live streaming experience. LiveEdge® Stream enables:

- Multi-Stream Output (3 x RTMP/SRT/RTSP/Zixi/WHIP - MPEG-2 TS Unicast x2 or Multicast x1)
- Multi-Bit-Rate encoding (MBR) ladder up to a total of 4Kp30 - HLS, DASH, Low Latency Chunked Transfer Encoding
- OTT HTTP Push with dual posting

LiveEdge® Ads - Adds SCTE-35 capabilities for ad marker insertion to drive monetization, and the ability to ingest SCTE-104.

LiveEdge® Data - Adds SMPTE-336 (KLV) for multi-camera timestamps to synchronize feeds and user defined metadata for personalization.

LiveEdge® Graphix - Adds HTML5 overlay for the visualization of metadata (4-5fps).

