# LiveEdge®Max

**LiveEdge® Max** is the newest member of the **LiveEdge® Ecosystem**, a device that provides more usable power than ever - including **single or dual 12G-SDI 4Kp60 inputs (w/ 16 channel audio)** to support higher resolutions and multiple camera angles, a backup feed, or a loop-through - and is designed to streamline the most strenuous workflows.

## DATASHEET

LiveEdge® Max is the first release in the Max family, and is our most powerful compute device so far. Combining LiveEdge® Max and LiveEdge® OS solves complex first-mile problems with **hybrid:cloud**, by simplifying workflows, eliminating points of failure, and lightening the load for personnel and usage-based cloud services. LiveEdge® Max sits on-premises, at the contribution edge, delivering compute, low-latency, cost-efficiency, and is wrapped up in a surprisingly small package. The contribution edge is the perfect place to personalize, brand and monetize - adding static or motion graphic overlays and SCTE-35 ad markers upstream.

LiveEdge® Max is a subscription-based compute device that can be customized with a la carte licensing and is tailored for applications with higher resolutions or heavy compute, with multiple containers or AI/ML inferences.  Configuration and management are easy via LiveEdge® Cloud Control, Web UI, directly on the front panel through its onboard LCD display and buttons, or via REST API's. As the number of cameras increases, it is critical to have workflows that support remote fleets, are easy to set up, configure, manage and are always ready to evolve.

Subscription based licenses personalize workflows and are great for implementing, running proof-of-concepts, and adapting workflows as they evolve. LiveEdge® Max includes LiveEdge® Compute, LiveEdge® Cloud Control and vCare technical support... live workflows are time sensitive.

LiveEdge® Max leverages LiveEdge® Cloud Control for fleet management and familiar LiveEdge® subscription-based licensing to unlock capabilities (plus, the LiveEdge® Cloud Control REST API makes it easy to integrate with partner cloud management systems, technologies, and products.

Sometimes the best option for workflows with lots of live streams is rack mounting - For these applications, add the LiveEdge® Horizontal Rack (19") (1RU) with three Max devices. For super cooling, go with two Max devices and our custom F1-style diverters for front-to-back airflow - 1RU holds 2-3 Max devices, 4-6 inputs.

1

**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.

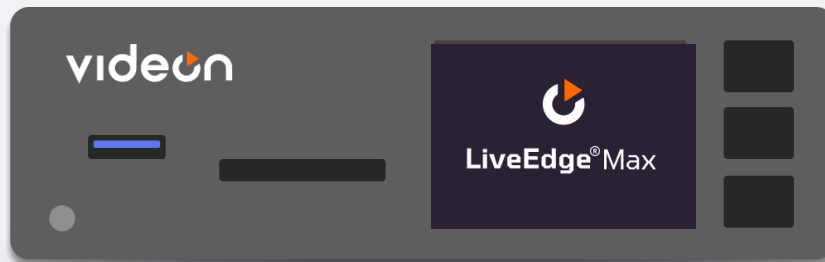**LiveEdge® Licensing Options** - (per input channel)

**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/WHIP - MPEG-2 TS Unicast x2 or Multicast x1)
- Multi-Bit-Rate encoding (MBR) ladder up to a total of 4Kp120 or 2x 4Kp60 - HLS, DASH, Low Latency Chunked Transfer Encoding
- OTT Origin Server (for monitoring)
- OTT HTTP Push with dual posting

**LiveEdge® Ads** - Adds SCTE-35 capabilities for ad marker insertion to drive monetization.

**LiveEdge® Data** - Adds SMPTE-336 (KLV) functionality with multi-camera timestamps for synchronization and user defined metadata for personalization.

**LiveEdge® Graphix** - Adds HTML5 dynamic graphical overlay for the visualization of metadata on-screen.



FRONT VIEW



BACK VIEW

LiveEdge® Max (Dual Channel 4Kp60 w/ 16 Channel Audio)