

LiveEdge® Max - Tech Specs

LiveEdge® Max boasts double the CPU (8 cores) of LiveEdge® Node, 2.5x compute, 20x compute for AI/ML.

Compute (SysBench Performance)

~4500 operations per second

General

+12V Input (10-15V 25 Watts Max)

IEEE802.3af Power over Ethernet (PoE+)

Dimensions: 1.75" x 5.77" x 6"

2" 320x240 video monitor (menu/status), 3 control buttons

Video Encoding (Dual Channel)

Input Resolutions

4096x2160 (4K)	p60, p59.94, p50, p30, p29.97, p25, p24, p23.98
3840x2160 (UHD)	p60, p59.94, p50, p30, p29.97, p25, p24, p23.98
2048x1080 (2K)	p60, p59.94, p50, p30, p29.97, p25, p24, p23.98
1080	i/p60, i/p59.94, i/p50, p30, p29.97, p25, p24, p23.98
720	p60, p59.94, p50
576	i/p50; 480i/p60, i/p59.94

Encode Resolutions

4096x2160 (4K)	p60, p59.94, p50, p30, p29.97, p25, p24, p23.98
3840x2160 (UHD)	p60, p59.94, p50, p30, p29.97, p25, p24, p23.98
2048x1080 (2K)	p60, p59.94, p50, p30, p29.97, p25, p24, p23.98
1080	p60, p59.94, p50, p30, p29.97, p25, p24, p23.98
720	p60, p59.94, p50
576	p50
480	p60, p59.94, 540 p*, 360 p*, 270 p*, 180 p*

*scaled resolutions, frame rate same as source

**For differences between supported HDMI and SDI input resolutions reference Help Center

Codecs

H.265/HEVC (8 or 10 bit) or H.264/AVC, Baseline, Main, High

Bit Rates

500kbps - 100Mbps

Rate Control & Transport Control

Variable, Constant

Audio Encoding (16 Channel)

Encode Format

MPEG-4 AAC-LC in ADTS

64/96/128/192/256/320/384/512 kbps

Encode Sampling Frequency

32, 44.1, 48KHz

I/O

Video

HDMI 2.0 input

2x 12G-SDI inputs or 1x 12G-SDI w/ looping output

SMPTE-334-2 608/708 Closed Captions (HD/4K)

SCTE-35 splice marker insertion via REST API

Audio

3.5mm Analog Audio input - Line level

Embedded HDMI/SDI input

Up to 8 channels of audio over SDI input

Recording

USB 3.0, SD Card

Network

10/100/1000 Ethernet (RJ-45)

Simultaneous Streaming & Recording Capabilities

Streaming (per channel)

RTMP/RTMPS/RTSP/SRT/WHIP x 3

Unicast x 2 (RTP over UDP, Raw UDP)

Multicast (RTP over UDP, Raw UDP)

HLS (TS, fMP4)**

MPEG-DASH**

**Supports Multi-Bit-Rate

Recording

USB/SD Card (MPEG-TS or MP4)

FTP upload

Network & Control

LiveEdge® Cloud Control

Web browser Interface

REST API integrates with third-party controllers

DHCP (Default) / Static IP Address

Command and Control: HTTP

XML Polling