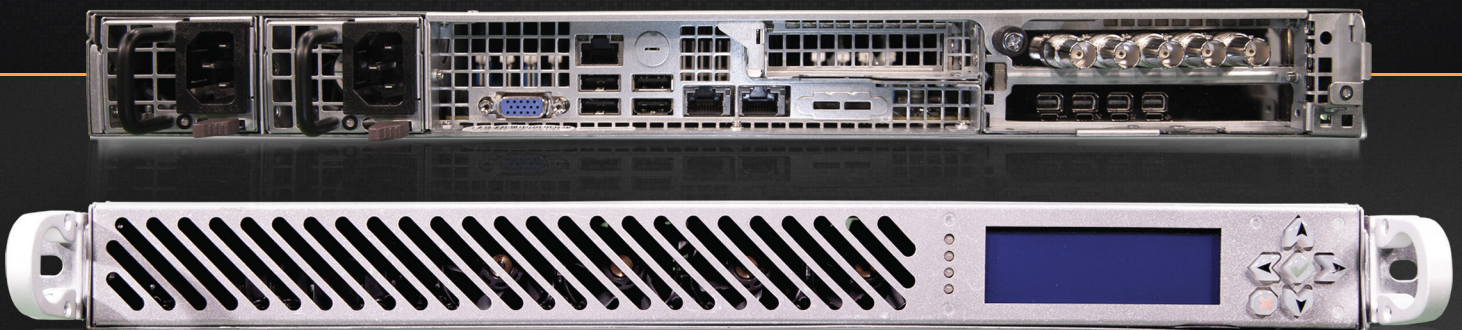# NXT-SERV

NXT-ENCm4-4S fully broadcast compliant 1RU multichannel encoder and decoder solution which can process up to four 1080p 60 channels. Contains our time-proven custom build H.264 encoding IP core. It supports reliable and error-correcting communications over the public Internet, or private fiber lines. It can function as a gateway for multiple SPTS or MPTS MPEG-TS streams and can run any Nextologies's processing/transport modules.

SPECIFICATIONS — STANDARD CONFIGURATION

Connections

SDI:	Video: 4x bidirectional 12-bit SD/HD
	Audio: 16 channels embedded in SD and HD.
IP: 1x RJ45 GbE Data Port	1x RJ45 GbE Data Port I/O: TSoIP
	Output: MPTS
	Output: SPTS
	1x RJ45 GbE NMS Port
	1x RJ45 IPMI Lan Port

Video Standards:	1080p@225/29.97/30/50/59.94/60 fps; 1080i@25/29.97/30/50/59.94/60 fps; 720p@50/59.94/60 fps; 576i@25fps; 480i@29.97 fps

Video Encoding/Decoding	MPEG-2, MPEG-4
Audio Encoding/Decoding	MPEG1 Layer 2, AC3, HE-AAC (v2), LC-AAC
Ad Insertion	SCTE 104 and SCTE35 supported
Metadata	Closed Caption/Teletext

System Interaface	Front Panel (LCD + buttons), Network (NMS), Web Management

Miscellaneous:	
Dimension	429mm x 437mm x 43mm (L×W×H)
Approx weight	9.07kg
Power	400W Redundant Power Supply
Temperature	10~35° C (operational), -40~70° C (Storage)