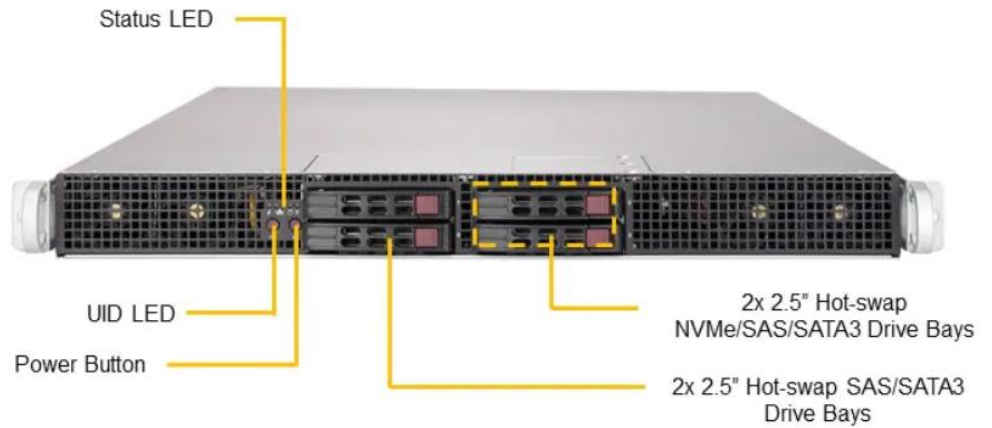


FEATURES

- ▷ Live transcoding and streaming primarily for IPTV/OTT applications
- ▷ Configurable IP inputs
- ▷ Powerful GPU architecture
- ▷ Interfaces with popular DRM providers
- ▷ Web interface, APIs and SNMP provide remote setup, control and monitoring

APPLICATIONS

- ▷ IPTV
- ▷ Houses of worship
- ▷ Education
- ▷ Government
- ▷ Remote Streaming
- ▷ Webcasting
- ▷ OTT



The Niagara 8100P GPU series of products are powerful, compact appliances that are designed for a wide variety of video applications. This durable system comes with Niagara SCX® web-based software application that allows for easy setup and management of encoders and streams. A wide variety of IP input options make the Niagara GPU series a perfect solution for almost any professional studio or video facility.

Models

The Niagara SCX GPU transcoders can be configured with a wide variety of IP protocols including UDP, HLS, DASH, RTMP, RTSP, SRT and others.

Reliability at an affordable cost

Proven GPU technology provides the reliability that you need for a scalable and highly flexible product. This dense unit is perfect for applications that require a fast, and affordable system.

TECHNICAL SPECIFICATIONS

Transcoding

Transcoding Formats	Adobe® Flash® H.264 (RTMP and RTMPS) Apple® HTTP Live Streaming (HLS) U D P S R T MPEG-4, H.264, HEVC video codecs AAC, AC-3, MP2 audio codecs
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Monitoring

	LED power light
	SSD activity light

Video Resolutions

	SMPTE 259M and 292M SDI standards
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Connectivity

USB ports	4 rear panel
Ethernet	2 x 10 Gbit ports

Pre-Processing

	Adaptive de-interlacing
	Video cropping and rescaling
	Aspect-ratio conversion or pass-through
	Frame rate conversion
	Logo & Slate insertion

	Closed-caption support (608 and 708)
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Software

	Niagara SCX®
Management	REST APIs
	Browser-based user-interface

Hardware:

	Multi-core processor
	Solid state drive (500 GB)

Mechanical/Environmental

Chassis	1.75" H x 17.2" W x 30.6" D (43 cm x 437 cm W x 777 cm D)
Operating Temperature	
Weight	45 lb (15.9 Kgs)

Power

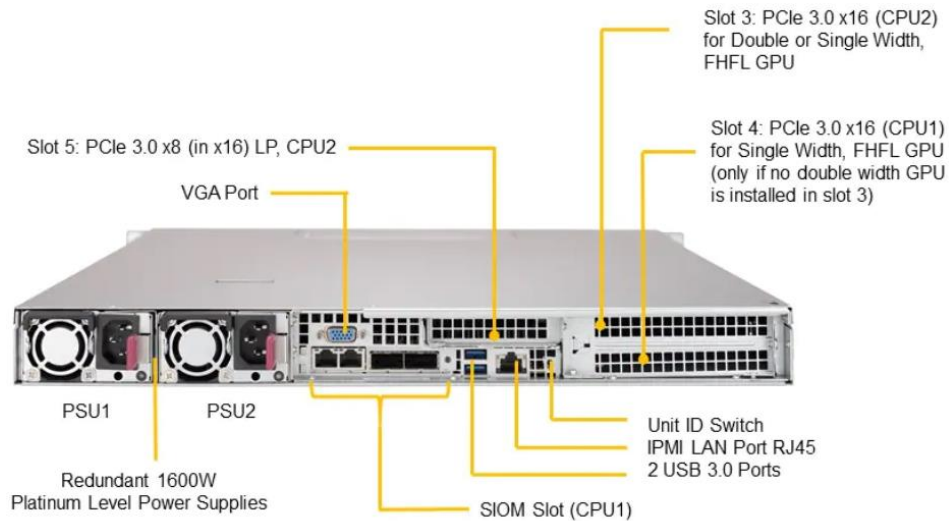
	1600W AC Redundant PS
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Additional Contents

	Power cables Quick-start Guide
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Hardware Warranty

	1 year limited hardware warranty
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ORDERING INFORMATION

Part #	DESCRIPTION
8100P-GPUTR-4	10-20 Stream GPU Transcoder
8100P-GPUTR-5	20-25 Stream GPU Transcoder
8100P-GPUTR-24	20-35 Stream GPU Transcoder
8100P-GPUTR-25	30-50 Stream GPU Transcoder