Sigma Transcoder Platform Highlights

Efficient Power

2 hot-swappable modules 80+ Platinum-grade power supplies featuring 92% efficiency

Hot-swappable Processing Nodes

4 independent processing nodes with IP interfaces Pluggable and cable-free carrier trays

High Performance

Latest generation Intel Xeon Skylake processors Designed to support advanced video processing

Key Feature

- **High Performance**
- **Latest Nvidia Turing architecture**
- **Dual IP input/output management interfaces**
- **Redundant hot-swappable power supplies.**
- **System-level monitoring for overall system, processing node and power supply health status**
- **Support latest Sigma Transcoder, Sigma Packager version**

Processor & Memory

Processor	Latest generation Intel Xeon Skylake processors Latest Nvidia GPU Turing generator Designed to support advanced video processing
Memory	24 DDR4 DIMM slots, Supports RDIMM /LRDIMM, speeds up to 2933MT/s, 3TB max Up to 12 NVDIMM, 192 GB Max Up to 12 Intel® Optane™ DC persistent memory DCPMM, 6.14TB max, (7.68TB max with DPCMM + LRDIMM) Supports registered ECC DDR4 DIMMs only

Network: Management, Input/Output

IP Input/ Output	4 x Gigabit Ethernet ports
Control interface	Dual 10 Gigabit Base-T Ethernet ports for Management

Software Compatibility

Supported OS	Canonical® Ubuntu® LTS Citrix® Hypervisor Microsoft Windows Server® LTSC with Hyper-V Oracle® Linux Red Hat® Enterprise Linux SUSE® Linux Enterprise Server VMware® ESXi
Software Compartial	Sigma Transcoder V1.1.0 or above Sigma Packager V1.1.0 or above

Physical and Power

Dimensions	Height: 42.8mm (1.69") Width*: 482.0mm (18.98") Depth*: 808.5mm (31.8") Weight: 21.9kg (48.3 lbs.) *Dimensions include bezel.
Power supplies	495W Platinum 750W Platinum 1600W Platinum 750W Titanium 1100W Platinum Hot plug power supplies with full redundancy option Up to 8 hot plugs fans with full redundancy @220V is required for certain configurations.
Environmental specifications	Continuous operation (for altitude less than 950 m or 3117 ft) : *10°C to 35°C (50°F to 95°F) with no direct sunlight on the equipment.* Maximum temperature gradient (operating and storage): *20°C/h (68°F/h)* Relative Operating Humidity: *10% to 80% relative humidity with 29°C (84.2°F) maximum dew point.* Maximum Operating Vibration: *0.26 G_{rms} at 5 Hz to 350 Hz (all three axes).*
Rack Model	Dell Precision 7920 Rack

Management

Embedded	iDRAC9, iDRAC Direct iDRAC RESTful API with Redfish, Quick Sync 2 wireless module optional
OpenManageTM Software	OpenManage Enterprise OpenManage Mobile OpenManage Power Center