

Sumavision SDM Gen3.0 (Software Defined Media)

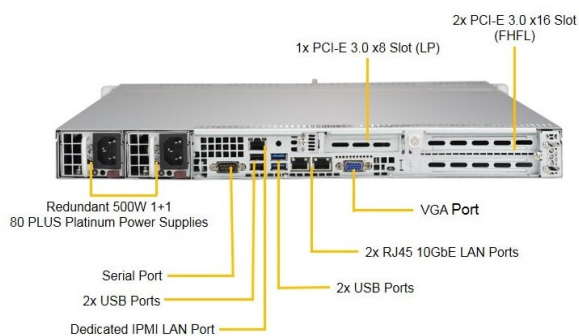
- High Density Compact CPU+GPU Video Stack

Product Introduction

The brand new video processing platform SDM Gen3.0, the high-density platform is an ideal solution for transcoding, encapsulation, and cluster management of SD, HD and UHD video. The **Sumavision compact Self-Design Chassis** delivers the flexibility to support any-to-any transcoding (xStream2050), linear ad splicing—and a wide variety of video processing applications, SDI capture card can be installed via PCIe3.0 x16 slots for variety resources gathering, **GPU accelerator card** help you to maximum the processing capability fast and efficiency. The platform also supports complex encapsulation applications for the delivery of both broadcast and next-generation multiscreen services with Sumavision's Media Gateway (xStream2310) and Cluster Management (xCloud3000)

Features

- Cluster transcoding enabled, Flexible platform selections
- Live or Off-line files receiving
- Up to **10UHD/85HD/100SD*** services transcoding per module*
- Optional SDI capture card via PCIe 3.0 x 16
- Video format: AVC/ H.264, HEVC/H.265, AVS+
- Audio format: MPEG-1 Layer2/Layer3, AAC LC, HE AAC v2, Dolby Digital, Dolby Digital Plus, DDP7.1, DDP5.1, DRA
- Multi-resolution: 4K, 1080P, 720P, D1, CIF, QCIF, QVGA
- Support UDP-TS, HTTP-TS, HTTP-FLV, RTMP-FL, HLS, HDS, DASH, SRT, ZIXI, Smooth Streaming, RTSP-RTP etc.
- 1+1,N+1, N+M backup solution
- Easy to use web-based interface simplifies installation and remote management



*Density would be different based on different CPU/GPU. Density would be changed according to the different profiles

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