

DIGITAL VIDEO SYSTEMS

G-SERIES

DATA SHEET



DVS 4U G-SERIES GEN3 MEDIA SERVER

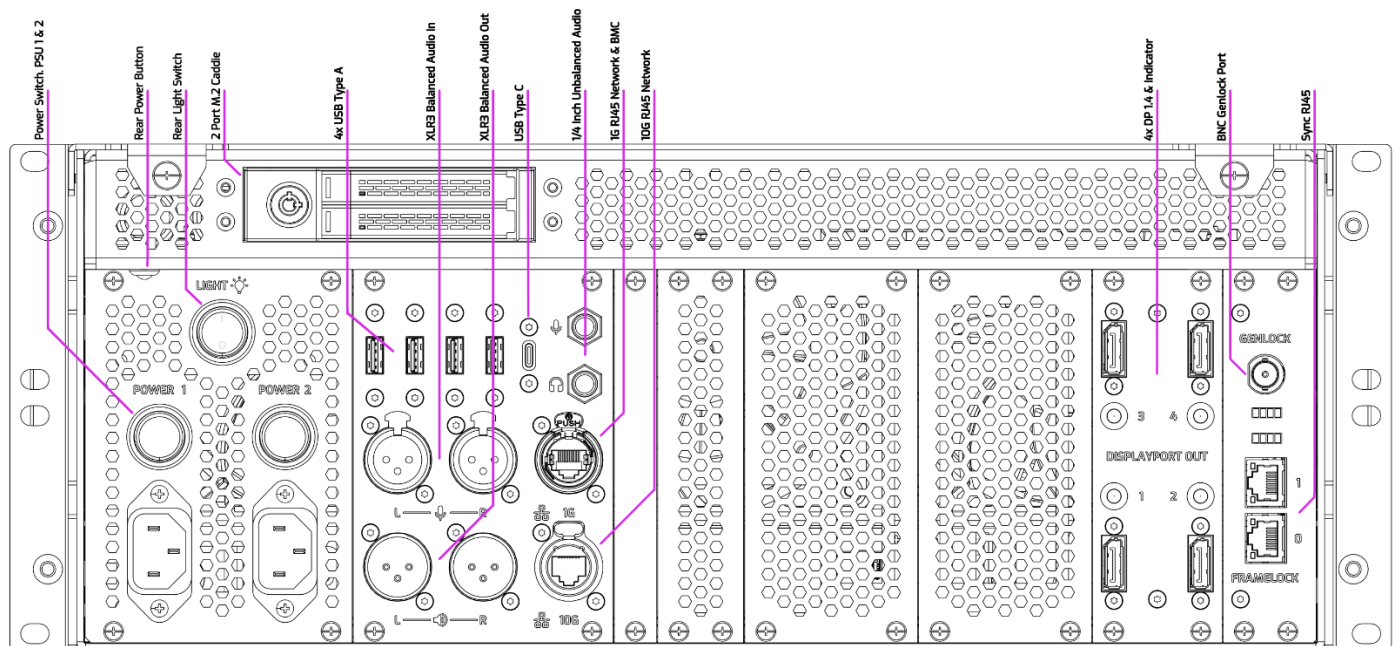
The DVS G-SERIES GEN3 MEDIA SERVER is the highest performing media server DVS has built to date. With help from industry professionals, the G-SERIES GEN3 has been engineered to handle modern, complex real-time rendering, high end 2D and 3D media playback, virtual production and many other demanding applications.

dvsgroup.com/Products/DVSSystems/GSeries/



Key Features

- Vibration isolated server hardware
- Protected modular backplane
- Front 6.6" status touch screen
- Professional EDID emulation
- Rigid and lightweight aluminium chassis
- Supports genlock and framelock
- Rear EDID and SYNC state indicators
- Redundant power supply



Base Hardware Specification

Form Factor	4U 19" Rackmount
CPU	24 Core Xeon Processor
Memory	128GB DDR5 8 Channel ECC Memory
Graphics	NVIDIA RTX PRO 40000 Blackwell 24GB
Graphics Sync	BNC, 2 x RJ45 (Genlock and Framelock)
Storage	1TB NVMe Gen4 – OS 1TB NVMe Gen5 – Asset
Network	1 x 1GbE (+Management), 1 x 10GbE
Peripherals	Front - 2 x USB 3.0, 1 x USB Type C Rear – 4 x USB 3.0, 1 x USB Type C
Power Supply	1600W Redundant 1 + 1
Operating System	Windows LTSC

Physical Details

	W	H	D
Packed Dimensions	556mm 22"	352mm 14"	832mm 33"
Unit Dimensions	443mm 17.4"	177mm 7"	690mm 27.2"
With Rack Handles	484mm 19"	177mm 7"	730mm 29"
Unit Weight	24Kg 53 lb		
Packed Unit Weight	26Kg 58 lb		

Upgrade Options

CPU

- 32 Core CPU Upgrade
- 48 Core CPU Upgrade
- 64 Core CPU Upgrade

Memory

- 256GB DDR5 8 Channel ECC Memory

Graphics

- Upgrade to NVIDIA RTX PRO 4500 Blackwell 32GB
- Upgrade to NVIDIA RTX PRO 5000 Blackwell 48GB
- Upgrade to NVIDIA RTX 6000 ADA 48GB
- Upgrade to NVIDIA RTX PRO 6000 Blackwell 96GB (600w)
- Upgrade to two NVIDIA RTX PRO 6000 Blackwell's 96GB (600w)
- Additional GUI graphics card.

Storage

- Increase asset to 2TB NVMe
- Increase asset to 4TB NVMe
- Increase asset storage capacity to 7.6TB (2 x 3.84TB in RAID 0)
- Increase asset storage capacity to 11.4TB (3 x 3.84TB in RAID 0)
- Increase asset storage capacity to 15.2TB (4 x 3.84TB in RAID 0)

Capture

- Eight Input / Output, four 12G SDI or eight 3G SDI
- Four 3G SDI or one HDMI 2.0
- Four 12G SDI Capture Card
- Blackmagic IP 100G

Network

- Two 10g RJ45 network ports

Warranty

The G-SERIES MEDIA SERVERS come with a 2-year return to base hardware warranty. Optional warranty extensions can be obtained at point of purchase.