

DIGITAL VIDEO SYSTEMS

G-SERIES



DATA SHEET

DVS 4U G-SERIES GEN2R MEDIA SERVER

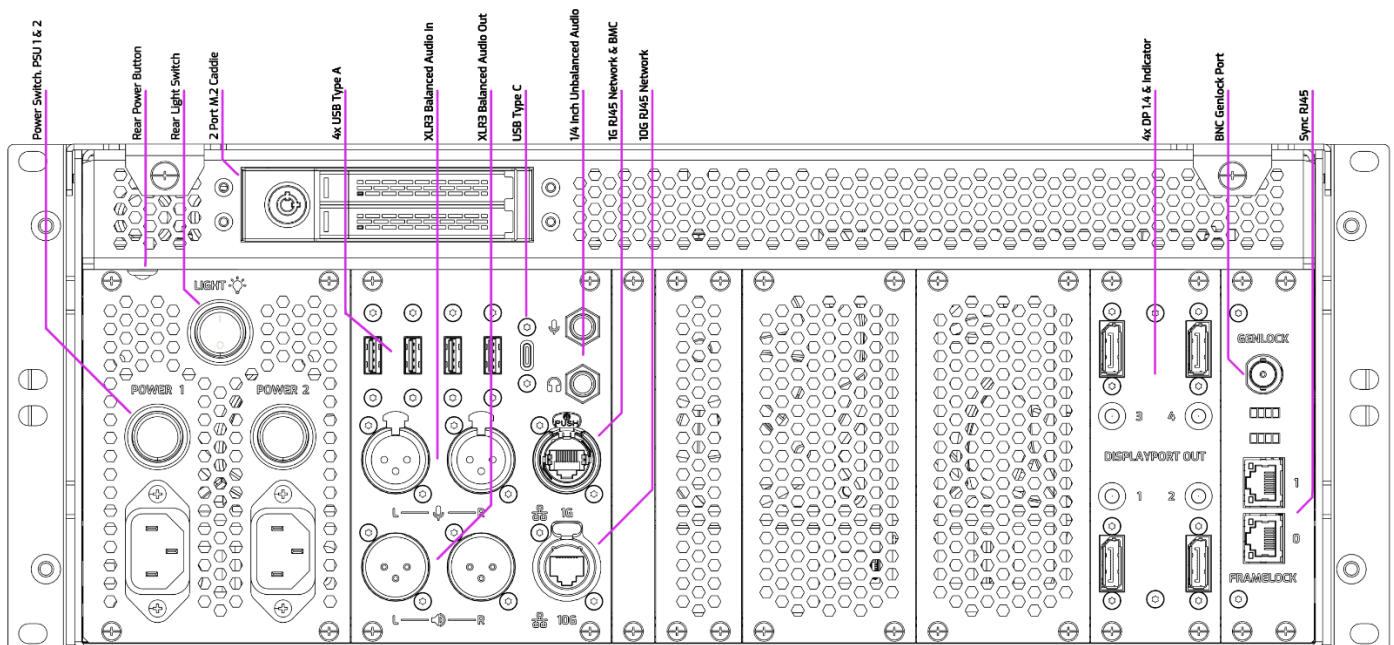
The next evolution in the DVS media server line-up; The G-SERIES Media Server is designed for complex real-time rendered content and high-end media playback, taking our universal platform media servers to the next level.

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	16 Core Xeon Processor
Memory	128GB DDR5 8 Channel ECC Memory
Graphics	NVIDIA RTX PRO 4000 Blackwell 24GB
Graphics Sync	BNC, 2 x RJ45 (Genlock and Framelock)
Storage	1TB NVMe Gen4 – OS 3.84TB NVMe Gen4 – 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 10 IoT Enterprise

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

- 28 Core CPU Upgrade
- 36 Core CPU Upgrade
- 56 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

- 7.6TB (2 x 3.84TB in RAID 0)
- 11.4TB (3 x 3.84TB in RAID 0)
- 15.2TB (4 x 3.84TB in RAID 0)
- GEN5 7.6TB (2 x 3.84TB in RAID 0)
- GEN5 11.4TB (3 x 3.84TB in RAID 0)
- GEN5 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.