DIGITAL VIDEO SYSTEMS

G-SERIES

DATA SHEET

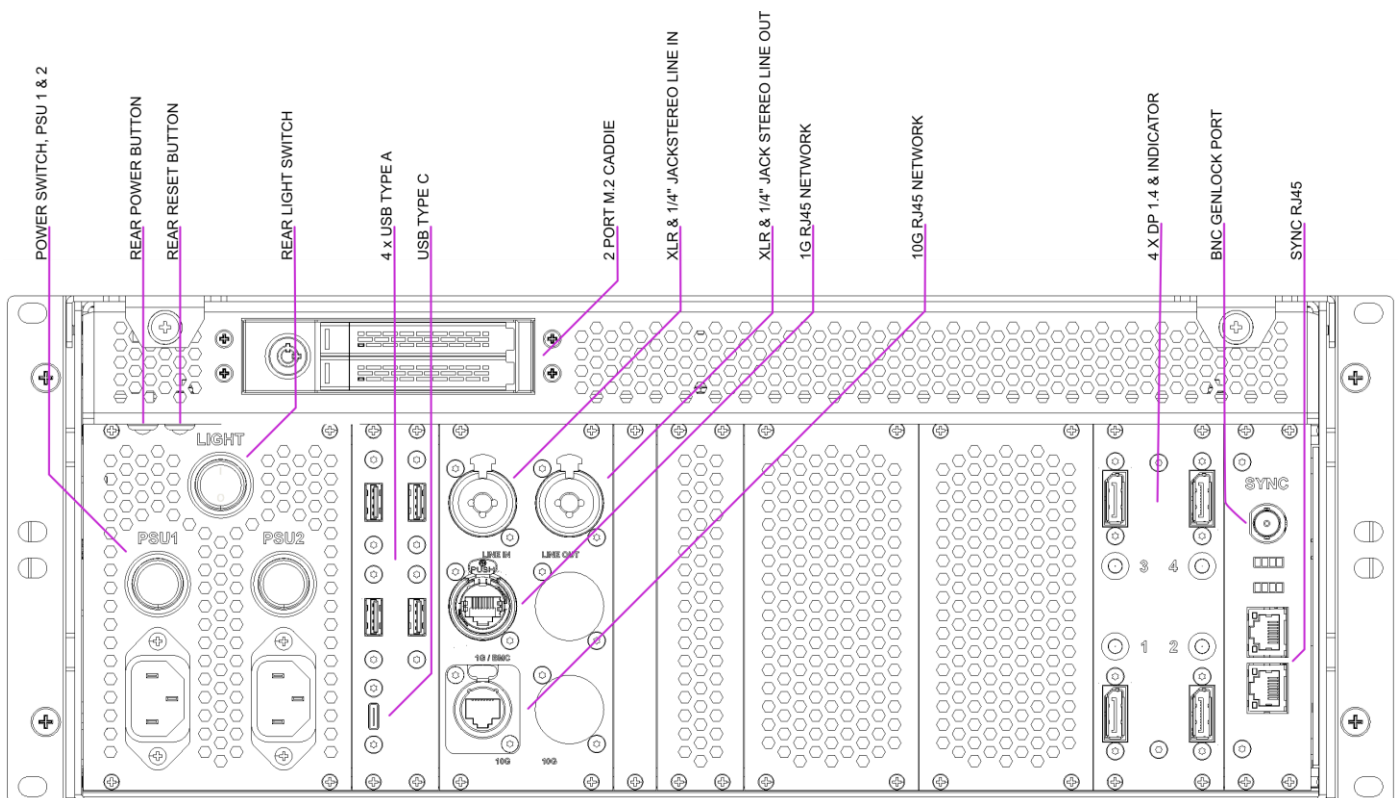## DVS 4U G-SERIES GEN2 MEDIA SERVER

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

Labels: POWER SWITCH, PSU 1 & 2 · REAR POWER BUTTON · REAR RESET BUTTON · REAR LIGHT SWITCH · 4 x USB TYPE A · USB TYPE C · 2 PORT M.2 CADDIE · XLR & 1/4" JACKSTEREO LINE IN · XLR & 1/4" JACK STEREO LINE OUT · 1G RJ45 NETWORK · 10G RJ45 NETWORK · 4 X DP 1.4 & INDICATOR · BNC GENLOCK PORT · SYNC RJ45

Base Hardware Specification

Form Factor	4U 19" Rackmount
CPU	16 Core Xeon Processor
Memory	256GB DDR5 8 Channel ECC Memory
Graphics	NVIDIA RTX6000 ADA 48GB
Graphics Sync	BNC, 2 x RJ45 (Genlock and Framelock)
Storage	500GB NVMe Gen4 – OS (Rear M.2 Bay) 500GB NVMe Gen4 – Asset (Rear M.2 Bay) 7.68TB NVMe Gen4 – 2 x 3.84TB RAID 0
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"	732mm 29"
Unit Dimensions	443mm 17.4"	117mm 4.6"	600mm 23.6"
With Rack Handles	484mm 19"	117mm 4.6"	640mm 25.2"
Unit Weight	23Kg 50 lb		
Packed Unit Weight	25Kg 55 lb		

Upgrade Options

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

Graphics
- Second RTX6000 ADA GPU (Increase physical outputs to 8 x DisplayPort 1.4)
- T1000 GUI GPU (2 x DisplayPort 1.4)

Storage
- 11.4TB (3 x 3.84TB NVMe Gen4 U.2 in RAID 0)
- 15.2TB (4 x 3.84TB NVMe Gen4 U.2 in RAID 0)
- 22.8TB (6 x 3.84TB NVMe Gen4 U.2 in RAID 0)
- 30.4TB (8 x 3.84TB NVMe Gen4 U.2 in RAID 0)

Capture
- 8 x 3G SDI or 4 x 12G SDI Input
- 4 x 4G SDI or 1 x HDMI 2.0 Input
- 4 x 12G SDI Input
- 4 x HDMI 2.0 Input

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.