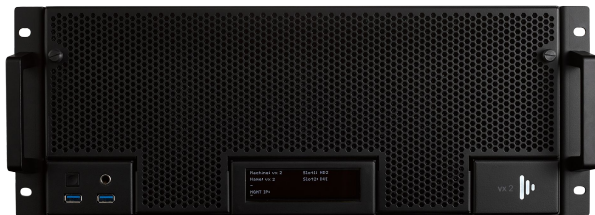


VX 2

POWER TO SCALE

Built on the industry-leading vx 4 chassis, the vx 2 can capture two 4K inputs via Quad 4K or single 12G SDI inputs, giving you the freedom to build out your technical capacity depending on your production.



WARRANTIES & SUPPORT

2 year return to base hardware warranty
(plus options to extend warranty length)

BUNDLED ACCESSORIES

Keyboard, Mouse, Power Cable (powerCON True1: USA/EU/UK), Hardware Guide, Backmounted Rails

UPGRADES

(AS - At Sale, F - Field)

- Storage Upgrade 7.68TB AS, F
- Storage Upgrade 15.36TB AS, F
- Storage Upgrade 30TB AS, F

PHYSICAL SPECIFICATIONS

	W	H	D
Packed Dimensions	711mm 28"	508mm 20"	737mm 29"
Unit Dimensions	434mm 17.09"	177mm 6.97"	594mm 23.39"
Unit + Rack Handles	483mm 19"	-	625mm 24.45"
Rack Depth	-	-	625mm 24.45"
Unit Weight	16.4kg 36.16lbs		
Packed Unit Weight	27.2kg 59.9lbs		

VX 2

HARDWARE SPECIFICATIONS

Voltage: 115-240V, 50-60Hz*

Power Connection: Neutrik powerCON True1

Power Consumption Peak: 374W

Heat Dissipation Peak: 1,276 BTU/h

Operating System: Windows 10 Enterprise GAC

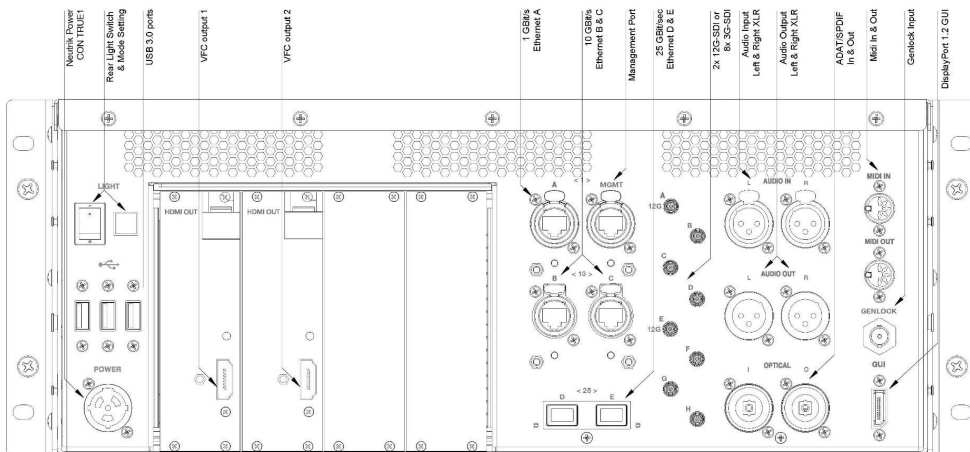
Environmental Tolerances: Temperature: 5-35°C (40°-95°F) / Humidity: 5%-95% (non-condensing) / Altitude: 0-2700m (0-8850 ft)

Mounting System: 4U 19" rack mount

OS: 2x Internal Storage Drives

Storage: 1x 3.84TB Removable NVMe SSD

Memory: 48GB RAM (6x 8GB)



SYSTEM CONNECTIVITY I/O

Video Output:

- 1x Displayport 1.4 (GUI)
- 2x 4K outputs using VFC cards
- Ships standard with HDMI 2.0 VFC cards**

Video Input: 2x 12G inputs or 8x 3G inputs (HD-BNC connectors)

Audio:

- Balanced XLR (circular 3-pin connector) - 2x in, 2x out
- Analogue (1/4 headphone jack)

Optical Audio: ADAT/SPDIF (Toslink connector) - 1x in, 1x out

MIDI: MIDI (circular 5-pin DIN connector) - 1x in, 1x out

General Network

- 1x 1Gb/sec Ethernet
- 2x 10Gb/sec Ethernet

High Speed Network:

- 2x 25Gb/sec Ethernet port (SFP28)

System Management Controller: 1x Management Port (Ethernet)

Data/Peripherals: 5x USB 3.0

Video Sync: 1x BNC Genlock

*for countries with variable power supply we recommend a UPS to provide a consistent voltage.

**different Video Format Conversion Cards also available, refer to VFC specifications

VX 2

FULL HD PLAYBACK

Video codec & frame rate	Content data rate	Max layer
HAP 30	31 MB/s	49
HAP ALPHA 30	8.67358 MB/s	51
HAPQ 30	61.25 MB/s	45
Animation 30	187.25 MB/s	12
TIFF Sequence 30	4237 MB/s	8
NotchLC 30	78.375 MB/s	22
ProRes 422 30	151 MB/s	13
ProRes 422 60	302 MB/s	6
ProRes HQ 30	232 MB/s	7
ProRes HQ 60	464 MB/s	3
ProRes 4444 30	348 MB/s	2
ProRes 4444 30	696 MB/s	1

4K DCI PLAYBACK

Video codec & frame rate	Content data rate	Max layer
HAP 30	132 MB/s	27
HAP ALPHA 30	31.3024 MB/s	21
HAPQ 30	261.25 MB/s	17
Animation 30	798.25 MB/s	1
TIFF Sequence 30	949 MB/s	1
NotchLC 30	331.5 MB/s	7
ProRes 422 30	654 MB/s	10
ProRes 422 60	1308 MB/s	5
ProRes HQ 30	991 MB/s	3
ProRes HQ 60	1982 MB/s	2
ProRes 4444 30	1490 MB/s	2
ProRes 4444 30	2980 MB/s	1

Video codec & frame rate	Content data rate	Max layer
DPX, 8-bit, RGB, 30	759 MB/s	3

Testing completed on r21
ProRes testing completed on r27.8 191665

Performance specifications listed here outline the maximum amount of video layers that are achievable on a single VX 2. These can fluctuate in future releases