

EX 3

BRING PIXEL-PERFECT EXPERIENCES TO LIFE

EX 3 is a video playback and pixel-perfect mapping solution designed specifically for immersive experiences and fixed installations.



WARRANTIES & SUPPORT

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

BUNDLED ACCESSORIES

Mouse, Keyboard, Power Cable (IEC x2: USA/EU/UK), Hardware Guide, Rear Support, Slide Rail Kit.

UPGRADES

(AS - At Sale, RTM- Return to Manufacturer)

- Storage Upgrade 7.68TB ^{AS, RTM}
- Storage Upgrade 15.35TB ^{AS, RTM}
- Storage Upgrade 30TB ^{AS, RTM}

PHYSICAL SPECIFICATIONS

	W	H	D
Packed Dimensions	635mm 25"	325mm 12.8"	975mm 38.39"
Unit Dimensions	438.5mm 17.26"	88.5mm 3.42"	788.8mm 31.06"
Unit + Rack Handles	483.5mm 19.03"	-	821.8mm 32.35"
Rack Depth	-	-	914.6mm 36.01"
Unit Weight	20.5kg 45.2lbs		
Packed Unit Weight	35kg 77.16lbs		

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HARDWARE SPECIFICATIONS

Voltage: 100-240VAC, 50-60Hz*

Power Connection: IEC

Power Consumption: 485W

Heat Dissipation Peak: 1,653 BTU/hr

Max Decibel Rating: 66dB

Operating System: Windows 10 Enterprise GAC

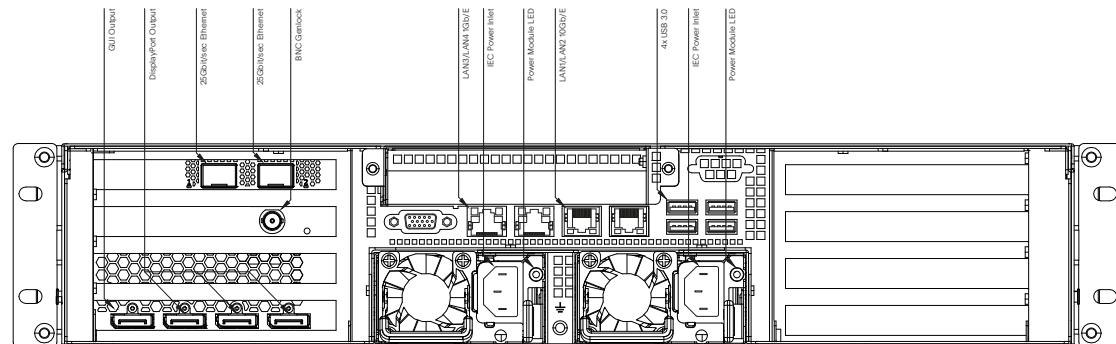
Environmental Tolerances: Temperature: 5-30°C
(40°-86°F) / Humidity: 20%-80% (non-condensing) /
Altitude: 0-8850 ft (0-2700m)

OS: 1x 2TB SSD

Storage: 1x 3.84TB Removable NVMe SSD

Memory: 96GB RAM (12x 8GB)

Mounting System: 2U 19" rack mount



SYSTEM CONNECTIVITY I/O

Video Output:

- 1x Displayport 1.4 (GUI)
- 3x 4K outputs using DisplayPort 1.4

Video Input:

- 0 - video input via NDI only

General Network:

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

High Speed Network: 2x 25Gb/sec Ethernet (SFP28)

Data/Peripherals: 4x USB 3.0

Video Sync: 1x BNC Genlock

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

EX 3

FULL HD PLAYBACK

Video codec & frame rate	Content data rate	Max layers
HAP 30	31 MB/s	34
HAP 60	62 MB/s	30
HAPQ 30	61.25 MB/s	29
HAPQ 60	122.5 MB/s	17
Animation 30	187.25 MB/s	12
Animation 60	374.5 MB/s	6
TIFF Sequence 30	237 MB/s	9
TIFF Sequence 60	474 MB/s	4
NotchLC 30	78.375 MB/s	24
NotchLC 60	156.75 MB/s	13
ProRes 422 30	151 MB/s	9
ProRes 422 60	302 MB/s	4
ProRes HQ 30	232 MB/s	2
ProRes HQ 60	464 MB/s	1
ProRes 4444 30	348 MB/s	2
ProRes 4444 60	696 MB/s	1

4K DCI PLAYBACK

Video codec & frame rate	Content data rate	Max layers
HAP 30	132 MB/s	15
HAP 60	264 MB/s	8
HAPQ 30	261.25 MB/s	8
HAPQ 60	522.5 MB/s	4
Animation 30	798.25 MB/s	3
Animation 60	1596.5 MB/s	1
TIFF Sequence 30	949 MB/s	3
TIFF Sequence 60	1898 MB/s	2
NotchLC 30	331.5 MB/s	6
NotchLC 60	663 MB/s	3
ProRes 422 30	654 MB/s	7
ProRes 422 60	1308 MB/s	3
ProRes HQ 30	991 MB/s	2
ProRes HQ 60	1982 MB/s	1
ProRes 4444 30	1490 MB/s	1
ProRes 4444 60	2980 MB/s	0

4K DCI PLAYBACK

Video codec & frame rate	Content data rate	Max layers
DPX Sequence, 8-bit, RGB, 30	759 MB/s	3
DPX Sequence, 8-bit, RGB, 60	1518 MB/s	1
DPX Sequence, 10-bit, RGB, 30	1011 MB/s	2
DPX Sequence, 10-bit, RGB, 60	2022 MB/s	1
TGA Sequence, 8-bit, RGB, 30	759 MB/s	3
TGA Sequence, 8-bit, RGB, 60	1518 MB/s	2
TGA Sequence, 8-bit, RGBA, 30	1011 MB/s	2
TGA Sequence, 8-bit, RGBA, 60	2022 MB/s	1
TIFF Sequence, 8-bit, RGB, 30	759 MB/s	3
TIFF Sequence, 8-bit, RGB, 60	1518 MB/s	2
TIFF Sequence, 8-bit, RGBA, 30	1011 MB/s	2
TIFF Sequence, 8-bit, RGBA, 60	2022 MB/s	0

Testing completed on r24 98098

ProRes testing completed on r27.8 1919665

Performance specifications listed here outline the max amount of video layers that are achievable on a single EX 3. These can fluctuate in future releases.