

# 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 <sup>AS, RTM</sup>
- Storage Upgrade 15.35TB <sup>AS, RTM</sup>
- Storage Upgrade 30TB <sup>AS, RTM</sup>

## PHYSICAL SPECIFICATIONS

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

# EX 3

## 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

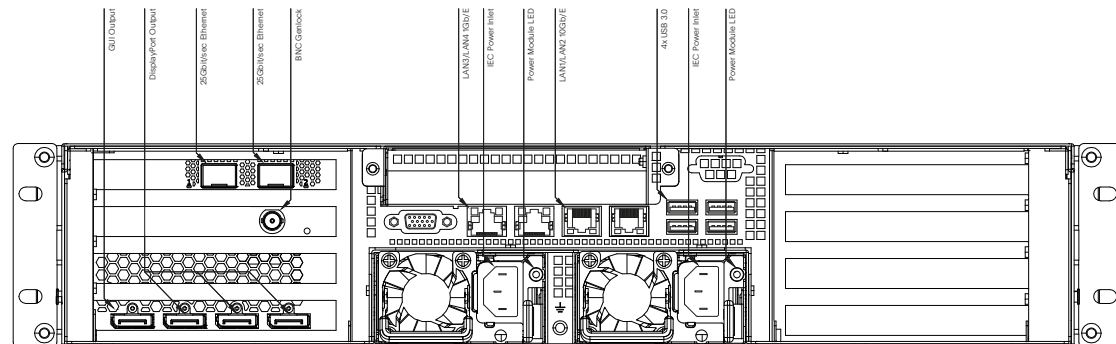
**Environmental Tolerances:** Temperature: 5-30°C  
(40°-86°F) / Humidity: 20%-80% (non-condensing) /  
Altitude: 0-8850 ft (0-2700m)

**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      | 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         |

## 4K DCI PLAYBACK

| Video codec                  | 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             | 1896 MB/s         | 2          |
| NotchLC 30                   | 331.5 MB/s        | 6          |
| NotchLC 60                   | 663 MB/s          | 3          |
| DPX Sequence, 8-bit, RGB, 30 | 759 MB/s          | 3          |
| DPX Sequence, 8-bit, RGB, 60 | 1518 MB/s         | 1          |

## 4K DCI PLAYBACK

| Video codec                    | Content data rate | Max layers |
|--------------------------------|-------------------|------------|
| 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