

## XPression 1RU NDI™ Hardware Specifications



XPN-1RU-NDI-M8

### Dimensions

Height	Width	Depth
4.28 cm (1.68")	48.20 cm (18.98")	57.76 cm (22.74")

### Weight

Net Weight	Gross Weight When Shipped
12.42 kg (27.38 lbs.)	19.34 kg (42.63 lbs.)

### Hardware

<b>Chassis</b>	1 RU chassis (rack-mount)
<b>Power Supply</b>	550W redundant supplies Voltage Range 100-240 VAC Input Current 7.4 A- 3.7 A
<b>System Drives</b>	2x 256GB SSD RAID 1 (Mirrored)
<b>Media Drives</b>	2x 2TB NVMe RAID 1 (Mirrored)
<b>CPU</b>	Intel® Core i9-9900K, 8 Core, 16 MB Cache, 3.6 GHz, 5 GHz Turbo
<b>Memory</b>	16GB (2x8GB) 2666MHz DDR4 UDIMM Non-ECC
<b>GPU</b>	NVIDIA® Quadro RTX™ A4000 16GB GDDR6, 6144 CUDA Cores, 4x Display Port 1.4 Connectors
<b>Operating System</b>	Microsoft® Windows® 10 Professional 64-bit

### Image File Formats

\*.tga | \*.tif | \*.psd | \*.bmp | \*.jpg | \*.gif | \*.png

### Clip File Formats

AVI | MPEG† | QuickTime† | Sequential Images

### 3D File Formats

\*.3ds | \*.obj | \*.fbx | \*.c4d‡

### Inputs / Outputs

<b>Video</b>	Up to 3 Video/Key Pair Outs   2 Inputs Via NDI™
<b>Audio</b>	Embedded Audio Only

### Control

<b>Ethernet</b>	1x RJ-45 1G Ethernet Port 1x RJ-45 10G Ethernet Port
<b>GPI</b>	RS-232 Serial GPI, RossTalk/Smart GPI through TCP/IP
<b>USB</b>	Front Panel: 2x USB 3.1 (Type A) 1x USB 3.1 (Type C)/iGFX Display Port Rear Panel: 2x USB 3.1 (Type C)/iGFX Display Port

### Temperature and Humidity

<b>Temperature Range</b>	Operating: 10°C to 35°C (50°F to 95°F) Storage: -40°C to 65°C (-40°F to 149°F)
<b>Relative Humidity</b>	Operating: 10% to 85% (Max dew point temperature = 40°C) (non-condensing) Storage: 10% to 90% (Max dew point temperature = 60°C) (non-condensing)

## Included Accessories

<b>Rackmount Kit</b>	Slide rails, handles, and mounting hardware
<b>USB</b>	2x USB Type C to USB Type A Adapters
<b>Keyboard</b>	Standard USB PC Keyboard
<b>Mouse</b>	USB mouse
<b>Security Key Software</b>	USB key pre-installed internally XPression Software dongle

## Video Formats

480i 29.97Hz (NTSC) | 576i 25Hz (PAL) | 720p 50Hz | 720p 59.94Hz | 720p 60Hz | 1080i 25Hz | 1080i 29.97Hz | 1080i 30Hz | 1080p 29.97Hz | 1080p 50Hz | 1080p 59.94Hz | 1080p 60Hz | 1080psf 23.976Hz | 1080psf 24Hz | 1080psf 25Hz | 1080psf 29.97Hz | 1080psf 30Hz | Custom Formats

## Included Software

- Microsoft® Windows® 10 Professional 64-bit O/S
- XPression software package

## Warranty

12 Month System Warranty (parts / labor and software updates)

† Available in the 32-bit editions only ‡ Available in the 64-bit editions only  
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Specifications subject to change.