

## XPression™ Quad Hardware Specifications

These specifications are for XPression Quad Studio.



### Dimensions

Height	Width	Depth
6.9 inch (17.6 cm)	16.9 inch (43 cm)	23.3 inch (59.2 cm)

### Weight

Net Weight	Net Weight With Rails	Gross Weight When Shipped
57 lbs (25.9 kg)	62 lbs (28.1 kg)	83 lbs (37.6 kg)

### Hardware

<b>Chassis</b>	4 RU rack frame
<b>Power Supply</b>	960W EPS 12V Hot-swappable 1+1 redundant power supply
<b>System Drives</b>	4 x 1TB RAID hot-swappable
<b>CPU</b>	Intel® Core™ i7-6900K Processor 15MCache
<b>Mainboard</b>	ASUS X99-E WS USB3.1
<b>RAID Controller</b>	LSI® MegaRAID® SAS 9361-4i, RAID 1+0
<b>Memory</b>	8GB DDR4
<b>GPU</b>	GTX 1080 8GB 256-Bit GDDR5
<b>Output Board</b>	Corvid88
<b>O/S</b>	Windows® 7 Pro, 64-bit
<b>Cooling</b>	5 cooling fans

### Video Formats

480i 29.97Hz (NTSC) | 576i 25Hz (PAL) | 720p 50Hz | 720p 59.94Hz | 1080i 25Hz | 1080i 29.97Hz | 1080p 23.976Hz | 1080p 29.97Hz | 1080p 50Hz | 1080p 59.94Hz | 1080p 60Hz | 1080psf 23.976Hz | 2160p (Quad) 29.97Hz | 2160p (Quad) 50Hz | 2160p (Quad) 59.94Hz | 2160p (2SI) 29.97Hz | 2160p (2SI) 50Hz | 2160p (2SI) 59.94Hz | Custom Formats

### Image File Formats

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

### 3D Model Formats

\*.3ds | \*.obj

### Clip File Formats

AVI | MPEG | QuickTime | Sequential Images

### Inputs / Outputs

<b>Video I/O</b>	8 x 3G-SDI BNC
<b>Audio Input</b>	16 Channel 24-bit SDI embedded, 48 kHz synchronous
<b>Audio Output</b>	16 Channel 24-bit SDI embedded, 48 kHz synchronous

### Control

<b>Reference</b>	Bi-Level Sync/Analog Black Burst, Tri-Level Sync input
<b>Ethernet</b>	Dual Gigabit Ethernet Ports
<b>GPI</b>	12 GPI in / 12 GPI out on 25 pin D-Sub connector, RS-232 Serial GPI, RossTalk/Smart GPI through TCP/IP

## USB

Intel® X99 chipset: 4 x USB 3.0/2.0 port(s) (4 at back panel, +blue)  
Intel® X99 chipset: 4 x USB 2.0/1.1 port(s) (4 at mid-board)  
ASMedia® USB 3.1 controller: 2 x USB 3.0/2.0 port(s) (2 at back panel, teal blue)  
ASMedia® USB 3.0 controller: 8 x USB 3.0/2.0 port(s) (4 at back panel, 4 at mid-board)

## Included Accessories

<b>Rackmount Kit</b>	Slide rails, handles, and mounting hardware
<b>Keyboard</b>	Standard USB PC Keyboard
<b>Mouse</b>	USB mouse
<b>Security Key</b>	USB key pre-installed internally
<b>Software</b>	XPression Software package and media

## Included Software

Microsoft® Windows® 7 Pro 64-bit O/S  
XPression software package

## Warranty

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