

XPression™ Hardware Specifications

These specifications are for Studio, Player, and BlueBox.



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

Chassis	4 RU rack frame
Power Supply	960W EPS 12V Hot-swappable 1+1 redundant power supply
System Drives	4 x 1TB RAID hot-swappable
CPU	Intel® Core™ i7-6900K Processor 15MCache
Mainboard	ASUS X99-E WS USB3.1
RAID Controller	LSI® MegaRAID® SAS 9361-4i, RAID 1+0
Memory	8GB DDR4
GPU	GTX 1080 8GB 256-Bit GDDR5
Output Board	Matrox® X.mio2 5000 I/O
O/S	Windows® 7 Pro, 64-bit
Cooling	5 cooling fans

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

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

Option 1	Video: 1 in / 1 video + key out Audio: 8 in / 16 out
Option 2	Video: 2 in / 2 video + key out Audio: 16 in / 32 out
Option 3	Video: 4 in / 2 video +key out Audio: 16 in / 32 out

* Optional Breakout box available

Control

Reference	Bi-Level Sync/Analog Black Burst, Tri-Level Sync input
Ethernet	Dual Gigabit Ethernet Ports
GPI	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

Rackmount Kit	Slide rails, handles, and mounting hardware
Keyboard	Standard USB PC Keyboard
Mouse	USB mouse
Security Key	USB key pre-installed internally
Software	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)