

XPression Prime Hardware Specifications



XPR1-1RU-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

Chassis	1 RU chassis (rack-mount)
Power Supply	1x 550W power supply Voltage Range 100-240 VAC Input Current 7.4 A- 3.7 A
System Drives	1x 256GB SSD
Media Drives	1x 2TB PCIe NVMe Class 40 SSD
CPU	Intel® Core i9-9900K, 8 Core, 16 MB Cache, 3.6 GHz, 5 GHz Turbo
Memory	16GB (2x8GB) 2666MHz DDR4 UDIMM Non-ECC
GPU	NVIDIA® RTX™ A2000 12GB, GDDR6X, 3,328 CUDA Cores, 4x mini-Display Port 1.4 Connectors
Video I/O	AJA® Corvid22
Operating System	Microsoft® Windows® 10 Professional 64-bit

Image File Formats

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

Clip File Formats

AVI | MPEG† | QuickTime† | Sequential Images

Inputs / Outputs

Video	1 Video/Key Pair Out 1 Input to be used as Internal Key only
Audio	Embedded Audio Only
Reference	1x Analog Black Burst (Bi-Level Sync) or Tri-Level Sync input

Control

Ethernet	1x RJ-45 1G Ethernet Port 1x RJ-45 10G Ethernet Port
GPI	RS-232 Serial GPI, RossTalk/Smart GPI through TCP/IP
USB	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

Temperature Range	Operating: 10°C to 35°C (50°F to 95°F) Storage: -40°C to 65°C (-40°F to 149°F)
Relative Humidity	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

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

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 | 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
Specifications subject to change.