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	1RU Chassis (rack-mount)
Power Supply	550W redundant supplies Voltage Range 100-240 VAC Input Current 7.4 A- 3.7 A
System Drives	2x 256GB SSD RAID 1 (Mirrored)
Media Drives	2x 1TB SSD RAID 1 (Mirrored)
CPU	Intel Core i7-8700K, 6 Core, 12MB Cache, 3.7GHz, 4.7Ghz Turbo
Memory	16GB (2x8GB) 2666MHz DDR4 UDIMM Non-ECC
GPU	NVIDIA Quadro RTX4000, 8GB GDDR6, 2304 Cuda© Cores, 3x Display Port 1.4
Video I/O	Matrox® DSXLE4L/44/100F
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

3D File Formats
*.3ds | *.obj | *.fbx | *.c4d‡

Inputs / Outputs

Video	Up to 3 Video/Key Pair Outs	2 Inputs
Audio	Embedded Audio Only
Reference	1x Analog Black Burst (Bi-Level Sync) or Tri-Level Sync input

Control

Ethernet	1x RJ-45 1G Ethernet Ports 1x RJ-45 10G Ethernet Ports
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

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	USB key pre-installed internally
Software	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)

† Available in the 32-bit editions only ‡ Available in the 64-bit editions only

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XPression

Ross Video has a complete range of technical services available to ensure that your XPression installation is a success.

Operational Training can be provided at Ross Video, on-site or on the web. Experienced Ross operators will teach your staff to get the most out of your new system, and enhance your productions.

Commissioning is a service to help get your graphics system properly configured, connected and installed. This service is performed by factory trained Ross technical staff.

Technical Training can be provided at Ross Video, on-site or over the web. Technical training will teach your engineering staff the technical details of the system you have purchased. System configuration, interfaces, databases, and routine maintenance procedures are some of the topics covered.

XPression comes standard with a 1 year system warranty (parts / labor & software updates) / 5-Years Hard Disk Drives. **Extended Warranties** on hardware and software maintenance are available for an annual fee.

Technical advice is available on-line, by telephone, or email to Ross Video – **Included for the life of your system.**

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