



Ross Video has a complete range of technical services available to ensure that your PIERO 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 production.

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.

PIERO comes standard with a 1-year system warranty (parts / labor & software updates) and 5-Years for Solid State 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.**



Dimensions

Height	Width	Depth
1.69 in (4.3 cm)	17.25 in (43.80 cm)	25.80 (65.6 cm)

Weight

Net Weight	Gross Weight When Shipped
21.60 lbs (12.42 kg)	27.60 lbs (12.50 kg)

Hardware

Chassis	1RU Chassis (rackmount)
Power Supply	2x 675 W single power supply Voltage Range 100-240 VAC Input Current 7.4 A- 3.7 A
Power Consumption	@115VAC, Idle 83.416W - Max 454.3W
Fan Noise	Between 36 dB to 46 dB
System Drive	Single 1TB NVMe Drive
CPU	Intel® Xeon W5-2445, 10-Core, 26.25 MB Cache, 2.70GHz, 4.0 GHz Turbo
Memory	64 GB (4 x 16 GB) 4800 MT/s DDR5 RDIMM with ECC
GPU	NVIDIA® RTX 4000 Ada 20 GB GDDR6, 4 x Display Ports 1.4a Ports
Video I/O	Matrox® DSX LE5 12G LP/8
OS	Linux Ubuntu 22.04 LTS

Inputs / Outputs

Video	Matrox® DSX LE5 / SDI 4K (12G) Video
Audio	Embedded Audio Only
Reference	1x Analog Black Burst (Bi-Level Sync) or Tri-Level Sync input

Control

Ethernet	1 x RJ-45 1G Ethernet Ports 1 x RJ-45 10G Ethernet Port
Serial	1x RS-232 Port 2x P/S2 Ports
Contour Jog Wheels	Supported
USB	Front Panel - 2x USB 3.1 (Type A) - 2x USB Type C Rear Panel - 2x USB 3.1 (Type A)

Included Accessories

Rackmount Kit	Slide rails, handles, and mounting hardware
Keyboard	Standard USB Windows PC Keyboard (US English)
Mouse	USB 2-button mouse
Security Key Software	Either USB Hardware License or Software-based Product Key provided with software purchased separately

Video I/O Formats

PAL 25fps | NTSC 29.97fps | 1080i 25fps | 1080i 29.97fps | 720p 25fps | 720p 30fps | 720p 50fps | 720p 59.94fps | 1080p 25fps | 1080p 50fps | 1080p 59.94fps | 2160p 50fps | 2160p 59.9 fps

Warranty

12-Month System Warranty (parts / labor)
5-Year Warranty for Solid State Drives

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*Specifications subject to change