



Raiden 1RU Core V3 Server Software and Hardware Compatibility Matrix

Raiden		Machine 1	Machine 2
Software ▾	Hardware ▶		
	Data Aggregator	●	
	Story Creator	●	
	Local Server (with Local Server Interface)		●
	Raiden DataLinQ Server		●

*For a lightweight installation where XPression is used exclusively for Raiden, it is acceptable to install the Story Creator application on the XPression engine's machine.

†Raiden uses the Ross Platform Manager (RPM) for license authentication and user rights. If RPM is first introduced for Raiden, it will be hosted on Machine 1. Otherwise, Raiden uses the customer's default RPM instance for broader Ross Video solutions.

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

Raiden 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.**



RAD-HW-CORE-V3

Dimensions

Height	Width	Depth
4.3 cm (1.69")	43.8 cm (17.25")	65.6 cm (25.8")

Weight

Net Weight	Gross Weight When Shipped
12.42 kg (21.6 lbs.)	12.5 kg (27.6 lbs.)

Hardware

Chassis	1RU Chassis (rackmount)
Power Supply	2x 675W single power supply Voltage Range 100-240 VAC Input Current 3.7A - 7.4A
Power Consumption	@115VAC, Idle 83.416W - Max 454.3W
Fan Noise	Between 36dB to 46dB
System Drive	465G (2x 500GB 3D NAND 2.5" SSD RAID1)
Media Drive	3.8TB (2x 4TB 3D NAND 2.5" SSD in RAID1)
CPU	Intel® Xeon W5-2445, 10-Core, 26.25MB Cache, 2.70GHz, 4.0 GHz Turbo
Memory	64GB (4x16GB) 4800MT/s DDR5 RDIMM with ECC
GPU	NVIDIA™ T400 2GB GDDR6, 3x Mini Display Port 1.4a Ports
O/S	Microsoft® Windows® 11 Professional for Workstation

Environmental

Temperature Range	Operating: 5°C to 40°C (35°F to 104°F) Non-operating: -35°C to 60°C (-35°F to 140°F)
Relative Humidity (non-condensing)	Operating: 8% to 85% (Max wet bulb = 35°C) Non-operating: 8% to 90% (Max wet bulb = 35°C)
Maximum Altitude	Operating (with Rotational Hard Drives): 3,048 m (10,000 feet) Operating (with only Solid-State Drives): 5,000 m (16,404 feet) Non-operating: 12,192 m (40,000 feet)

Ports

Ethernet	1x RJ-45 1G Ethernet Port 1x RJ-45 10G Ethernet Port
Serial	1x RS-232 Port 2x P/S2 Ports
GPI	Unlimited RossTalk™ Smart GPI over TCP/IP
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

Warranty

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

Specifications subject to change without notice