NEXT COMPUTING

RADIUS EDS

MAXIMUM PERFORMANCE AND STORAGE WHEREVER YOU NEED IT

Within a compact, deployable footprint, the Radius EDS offers high-performance appliance, product, and service solutions for use in applications such as:

- Data recording
- Data streaming
- Virtualization applications
- Cyber forensics
- Cyber security
- Incident response
- Server applications
- Packet capture
- Big data analytics
- Seismic analysis

Select your preferred combination of features to optimize your particular workflow. The modular, scalable Radius EDS can be outfitted with the latest Intel or AMD multi-core processors, high-capacity/performance memory, full-length PCI Express cards, and up to (16) removable enterprise-class SSD, SAS, or SATA drives.

With services from NextComputing, you can let us integrate the Radius EDS into your workflow or toolset offerings so you can focus on what you do best. Ask a NextComputing Sales Engineer how we can build, brand, validate, and maintain the perfect appliance for you and you customers.

Up to 16 easy-access removable hard drives

Single or dual Intel Xeon processors, or single processors from Intel or AMD

Up to 1TB DDR4 RAM

Up to 7 combined full-length PCI Express slots

Integrated 17.3″ (439.42mm) 1920x1080 LED LCD

Display	Integrated 17.3" (439.42 mm) HD LED LCD (1920×1080) with scratch-resistant glass and optional resistive touchscreen
Available CPUs	• Single Intel Core, Intel Xeon, AMD Ryzen, or AMD EPYC 3rd and 4th generation processor • Single or dual Intel Xeon processors
Memory	Up to 1TB DDR4 2133MHz RAM
PCI Expansion	Up to (7) full-length PCI Express slots
AI	Configurations available with up to (5) NVIDIA A2 Tensor Core GPU for Artificial Intelligence (AI)/machine learning at the Edge
Storage	• OS/application SSD for fast boot and load • Optional upgrades for up to 16 more drives, up to 4TB each
RAID	Optional onboard SATA RAID 0/1/5/10, or via add-on PCIe RAID controller. Our specialty includes optimization for sustained write, video switching ISO recording, and data recording.
Operating Systems	• Windows 10 64 Bit Pro, Windows Server • CentOS, Red Hat and other Linux distributions • VMWare vSphere
Power Options	• 680W Gold Plus acoustically quiet PSU • Optional internal 460W/24V DC nominal (19V-36V DC range) power supply
Minimized acoustics noise	Acoustically quiet system/PSU fans. Can be tuned to your application specific solution to minimize acoustics noise but support the ambient temperature range of your requirement within our general temperature range specification. Performance-acoustics-thermally stability balancing is our specialty.
Environmental	Based on typical configurations. Custom configuration results may vary: • Operating: 5°C–40°C / 41°F–104°F. Non-Operating: -20°C–70°C, -4°F–158°F. • Relative humidity (5-95%) non-condensing • Components mechanically secured within the robust internal stucture and external metalic chassis
Regulations	FCC Class A, and CE. Certified TUV
Physical	• 7.09" (180.06mm) D x 16.78" (462.21mm) W x 14.16" (359.66mm) H (including folded-down handle) • 22+ lbs. (depending on configuration)
Carrying Cases	• Includes soft carrying case • Optional: hard case with telescoping handle and wheels (TSA compliant) with CNC milled foam with specific density material for shock/vibration
Warranty	1 year parts and labor. 2nd and 3rd year warranty options

14.16"
(359.66mm)

7.09"
(180.08mm)

16.78"
(426.21mm)

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