# 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 multi-core processors, high-capacity/performance memory, and up to (16) removable enterprise-class SSD, SAS, or SATA drives. Full-length PCI Express 3.0 and 2.0 slots allow you to add high-performance I-O, graphics, co-processing, and RAID controller cards.

For OEMs, you can further differentiate yourself with the Radius EDS through private label branding, customer-specific features, integration plans, and additional OEM appliance services offered by NextComputing. We can help you productize your innovation with first to market advantage for either a single solution or a modular, scalable, product line.

**Up to 16 easy-access removable hard drives, 32TB of enterprise-class storage with RAID**

**Single or dual Intel Xeon E5, single Intel Xeon W, Intel Core i7, or Intel Core X**

**Up to 256GB DDR4 2133MHz memory**

**Up to 7 combined full-length PCI Express slots**

**Integrated 17.3" (439.42mm) 1920x1080 LED LCD**

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|---|---|
| **Available CPUs** | Single or dual Intel® Xeon E5, single Intel Xeon W, Intel® Core™ i7, or Intel Core X-series |
| **Memory** | Up to 256GB DDR4 2133MHz RAM |
| **PCI Expansion** | Up to (7) full-length PCI Express 3.0 slots |
| **Storage** | Up to (16) no-tools removable drives; SATA, SAS, or Solid State Drives plus up to (2) fixed internal hard drives |
| **Available Drive Capacities / Features** | • SATA up to 2TB each<br>• SAS up to 2TB each (or 10K RPM up to 1.8TB each)<br>• Solid State Drives up to 4TB each<br>• Encryption options available |
| **RAID** | Onboard SATA RAID 0/1/5/10, or via add-on PCIe RAID controller |
| **Optical Drive** | Internal DVD±RW or Blu-Ray RW |
| **Display** | Integrated 17.3" (439.42mm) LED LCD (1920x1080) |
| **Operating Systems** | • Windows 2012 and 2016 server, Windows 7 Pro/Ultimate, Windows 8.1 Pro/Ultimate, and Windows 10 Pro<br>• CentOS, Red Hat and other Linux distributions<br>• VMware vSphere Hypervisor (ESXi) and other virtualization environments |
| **Power** | • 680W Gold Plus acoustically quiet PSU<br>• Optional internal 460W/24V DC nominal (19V-36V DC range) power supply |
| **Environmental** | Based on typical configurations. Custom configuration results may vary:<br>• Operating: 5°C–40°C / 41°F–104°F.  Non-Operating: -20°C–70°C, -4°F–158°F.<br>• Relative humidity (5-95%) non-condensing |
| **Regulations** | FCC Class A, and CE. Certified TUV |
| **Physical** | 7.09" (180.08mm) D  x  16.78" (426.21mm) W  x  14.16" (359.66mm) H (including folded-down handle),<br>17-22 lbs. (depending on configuration) |
| **Carrying Cases** | Optional hardened cases and rolling transit cases available |
| **Warranty** | 1 year parts and labor |



**14.16"**
**(359.66mm)**

**7.09"**
**(180.08mm)**

**16.78"**
**(426.21mm)**

**4 Townsend West, Building 17, Nashua, NH 03063**
**Phone: 1 (603) 886-3874  •  Fax: 1 (603) 886-1736**
**www.NextComputing.com  •  sales@Nextcomputing.com**