NEXT COMPUTING

RADIUS EX PLUS

Workstation Performance
Server Reliability

The Radius EX Plus combines the performance of a tower workstation with the reliability of a rackmount server. This all-in-one system brings these elements together in a briefcase-sized package that's easy to take down, transport, and set up anywhere you need it.

The system's modular power options enable unique configurations previously not available in a portable system. 1+1 or 2+1 redundant power is suited for server-grade reliability. Combined AC and DC configurations are also available for working from different power sources.

Up to 14 no-tools removable hard drives make the Radius EX Plus ideal for data-intensive applications such as network packet capture, data recording, and high-resolution image playback.

Multiple redundant power supply options or mixed AC and DC input

Up to 7 full-length PCI Express expansion slots

**Integrated 17.3"
1920 x 1080 display
or touchscreen**

Up to 18 hot-swappable hard drives

17.37"

16.75"

5.80"

Available CPUs	Single or dual Intel® Xeon or single Intel® Core™ i7 (including v3 versions)
Memory	Up to 256GB DDR4 2133MHz RAM
PCI Expansion	Up to (7) full-length, full-height PCI Express slots
Removable Storage	Up to (18) no-tools removable drives; SATA, SAS, or Solid State Drives
Fixed Storage	• Up to (18) internal, fixed SATA or SAS hard drives • Up to (20) internal, fixed solid state drives Note: mutually exclusive with some removable drive configurations
Available Drive Capacities / Features	• SATA up to 1TB each • SAS up to 2TB each • Solid State Drives up to 1TB each • Encryption options available
RAID	Multiple SATA/SAS ports with RAID 0/1/5/10 options
Optical Drive	Internal DVD±RW or Blu-Ray RW
Display	• Integrated 17.3" LED LCD (1920x1080) with optional capacitive touchscreen • Support for external displays including NextComputing's specially designed clip-on displays
Operating Systems	• Windows 2012 server, Windows 7 Pro/Ultimate, and Windows 8 Pro/Ultimate • CentOS, Red Hat and other Linux distributions, VMWare ESXi and other virtualization environments
Power Supply Options	• 1300W, load sharing or 2+1 redundant 110/220V 50/60Hz AC auto-switching or 48V DC • 650W single or 1+1 redundant 110/220V 50/60Hz AC auto-switching or 48V DC • Mixed 650W AC and DC (allowing user to choose either one)
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
Regulations	FCC Class A, and CE. Certified TUV
Physical	16.75" (W) x 17.37" (H) x 5.80" (D), ~25 lbs. (depending on configuration)
Carrying Cases	Optional soft case, hardened cases, and rolling transit cases available
Warranty	1 year parts and labor