

RADIUS EX-B

Give Your Workstation Some Get Up and Go!

Do you use applications or data sets that a laptop can't handle? Could you benefit from having a mobile system that can handle your workload? Would you like peace of mind when using an intermittent or unreliable power source?

The Radius EX-B is NextComputing's first high-performance portable system to feature an integrated battery for total mobility.

The Radius EX-B packs more performance than any laptop. For high-end applications, it has necessary features like full-powered CPUs, top of the line 3D graphics, high-speed RAID storage, and full-size PCI Express expansion slots.

The internal battery provides up to two hours of power at full processing load when you need to move, or if your power source is unreliable. This makes it ideal for military intelligence work in mobile command centers, ship-based oil & gas exploration, on-set digital video production, and on-site network testing.



Internal battery for 2 or more hours of untethered power

Intel® Core™ i7 or Xeon processor

Up to 64GB DDR3 RAM

Up to 4 full-length PCI Express expansion slots





OVERVIEW

Available CPUs	Intel® Xeon or Intel® Core™ i7
Memory	Up to 64GB DDR3 RAM
PCI Expansion	Up to (4) full-length, full-height PCI Express slots
Removable Storage	Up to (2) removable SATA, SAS, or Solid State drives
Fixed Storage	Up to (4) internal, fixed SATA, SAS, or Solid State hard drives (mutually exclusive with some removable drive configurations)
Available Drive Capacities / Features	<ul style="list-style-type: none"> • SATA up to 2TB each • SAS up to 2TB each (or 10K RPM up to 1.8TB each) • Solid State Drives up to 4TB each • 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	<ul style="list-style-type: none"> • Integrated 17.3" LED LCD (1920x1080) with optional capacitive touchscreen • Support for external displays including NextComputing's specially designed clip-on displays
Operating Systems	<ul style="list-style-type: none"> • Windows 2012 and 2016 server, Windows 7 Pro/Ultimate, Windows 8.1 Pro/Ultimate, and Windows 10 Pro • CentOS, Red Hat and other Linux distributions • VMware vSphere Hypervisor (ESXi) and other virtualization environments
Power Supply	<ul style="list-style-type: none"> • 320W power supply with removable Lithium-ion battery pack • Battery pack is 5.25" (H) x 12.75" (L) x 2.06" (W), 6 lbs
Environmental	<p>Based on typical configurations. Custom configuration results may vary:</p> <ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • 6.55" (166.37mm) D x 14.9" (378.46mm) H x 16.57" (420.88mm) W • ~28 lbs. (depending on configuration)
Carrying Cases	<ul style="list-style-type: none"> • Includes soft carrying case • Optional hardened cases and rolling transit cases available
Warranty	1 year parts and labor



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