

RADIUS



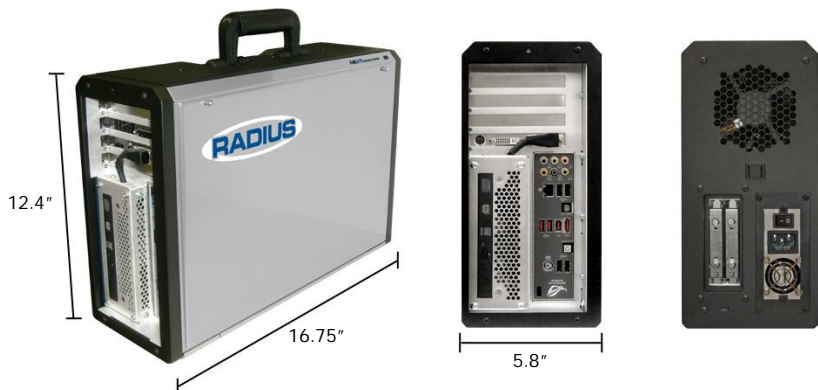
The Radius Series Portables Offer the Computing Power You Need, Any Time, Anywhere

The Radius from NextComputing is designed for professional users who need a portable system more powerful than a laptop. The Radius is a lightweight, briefcase-sized system configured to meet your needs.

The Radius features a completely expandable and upgradeable architecture. Users can integrate off-the-shelf PCI and PCI Express expansion cards, and easily upgrade storage, memory, and processors.

Digital Media	Capture and edit video on-location, record / stream live events, incorporate real-time graphics over live video; fits perfectly into file-based digital video workflows
Test & Measurement	Easy setup for off-site raw data capture, analysis, recording and playback at high-speed sustained read/write rates
3D Design & Engineering	Speed up the product development cycle by working with larger assemblies and more complete datasets, with the flexibility to work from anywhere.
Demonstration	Collaborate more efficiently and properly demonstrate high-end software without limiting your application to run on a laptop, or having to transport and setup your full workstation configuration
Mobile Training Systems	Bring training and simulation programs requiring full-bandwidth computing to remote field locations

- Latest Intel® multi-core processors
- Up to 32GB RAM
- Multiple terabytes of internal fixed and hot-swappable storage
- Integrated 17" HD display or 17" touchscreen
- Additional lightweight add-on displays available
- Four PCI Express or PCI slots





Model	AX58	IQ67	GZ68	IC202
Available CPUs	<ul style="list-style-type: none"> Quad-Core Intel Core i7 3.06 GHz or 3.2 GHz Six-Core Intel Core i7 Extreme Edition 3.33 GHz 	<ul style="list-style-type: none"> Quad-Core Intel® Core™ i7, 3.4 GHz Quad-Core Intel® Core™ i5, 3.1 GHz Quad-Core Intel® Core™ i3, 3.3 GHz 	<ul style="list-style-type: none"> Quad-Core Intel® Core™ i7, 3.4 GHz Quad-Core Intel® Core™ i5, 3.1 GHz Quad-Core Intel® Core™ i3, 3.3 GHz 	2nd generation Intel Xeon, 3.40 GHz quad-core processor
Memory (up to)	24GB DDR3 RAM, Triple Channel	16GB DDR3 RAM, Triple Channel	16GB DDR3 RAM, Triple Channel	Up to 32GB DDR3 ECC RAM
PCI Expansion	<ul style="list-style-type: none"> (2) PCI Express 2.0 x16 (1) PCI Express 2.0 x4 (1) PCI 	<ul style="list-style-type: none"> (1) PCI Express 2.0 x16 (1) PCI Express 2.0 x4 (1) PCI Express 2.0 x1 (1) PCI 	<ul style="list-style-type: none"> (3) PCI Express x16 (1) PCI Express x1 	<ul style="list-style-type: none"> PCI Express 2.0 x16 PCI Express 2.0 x8 PCI Express 2.0 x8 PCI 32-Bit/33Mhz Note: cannot take dual-slot card
Storage	<ul style="list-style-type: none"> Up to (6) hot-swappable SATA or SAS hard drives to 1TB each or Up to (6) internal, fixed SATA or SAS hard drives to 1TB each 			
RAID	RAID 0/1/5/10	RAID 0/1/5/10	RAID 0/1/5/10 Matrix RAID	RAID 0/1/5/10
Optical Drive	Internal DVD±RW			
Onboard Video	None (must use add-in GPU)	Intel HD Graphics	Intel HD Graphics	None (must use add-in GPU)
Display	<ul style="list-style-type: none"> Integrated 17" WUXGA+ LCD up to 1920x1200 Supports additional external displays including NextComputing's specially designed clip-on displays with resolutions to 1920x1200 Optional capacitive touchscreen (1920x1200) 			
Ports	<ul style="list-style-type: none"> (2) external USB 3.0 (7) external USB 2.0 (6) internal USB 2.0 (1) IEEE 1394a (1) Gigabit Ethernet (1) PS/2 (1) S/PDIF digital audio out (6) analog audio ports No onboard video 	<ul style="list-style-type: none"> (2) external USB 3.0 (4) external USB 2.0 (8) internal USB 2.0 (1) IEEE 1394a (1) RJ-45 / Gigabit Ethernet (2) eSATA (3Gb/s) (1) DVI-D (1) DVI-I (1) DisplayPort (3) analog audio ports 	<ul style="list-style-type: none"> (2) external USB 3.0 (4) external USB 2.0 (8) internal USB 2.0 (1) RJ-45 LAN, (1) PS/2 (1) DVI-D (1) D-Sub port (VGA) (1) S/PDIF digital audio out (3) analog audio ports 	<ul style="list-style-type: none"> (7) USB 2.0 ports (6) eSATA ports (2) RJ-45 (2) serial ports (1) D-Sub port (VGA)
Operating Systems	<ul style="list-style-type: none"> Microsoft Windows 7, Vista, XP Professional, 2008 Server Dual-boot options 			
Power Sub-System	<ul style="list-style-type: none"> 460W or 700W Whisper Technology 110/220V 50/60Hz auto-switching 80 PLUS rated power supply Optional internal 460W/24V DC nominal (19V-36V DC range) power supply 			
Environmental	<ul style="list-style-type: none"> Relative humidity (5-95%) non-condensing Operating: 5°C–40°C / 41°F–104°F. Non-Operating: -40°C–65°C, -40°F–149°F Relative humidity (5-95%) non-condensing 			
Regulations	FCC Class A, and CE. Certified TUV			
Physical	5.8" (D) x 12.40" (H) x 16.75" (W). Basic configuration ~15lbs.			
Carrying Cases	System includes soft carrying case. Optional rolling soft case or rugged hard case available.			

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