

RADIUS TR



INCREDIBLE PERFORMANCE, PORTABLE POWERHOUSE

The Radius TR combines the portability and flexible configuration options of NextComputing's Radius portables with the incredible processing power of the AMD Ryzen Threadripper™ and AMD EPYC processors. The result is a computing powerhouse ideal for content creation, data analytics, seismic analysis, and military intelligence.

Radius TR configurations feature high-performance memory up to 1TB, up to (16) removable enterprise-class SSD, SAS, or SATA drives, and full-length PCI Express slots for adding high-performance I-O, graphics, co-processing, and RAID controller cards. Additional modular power options enable unique configurations including 1+1 or 2+1 redundant power with inputs for working from AC or DC power.



The first portable system to feature the AMD Ryzen™ Threadripper™ processor!

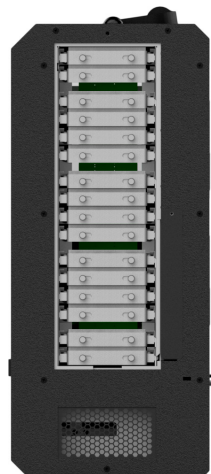
Multiple redundant power supply options with mixed AC and DC input

Up to 16 easy-access removable hard drives

Up to 1TB high-performance memory

Up to 7 combined full-length PCI Express slots

Integrated 17.3" LCD, (439.42mm) 1920x1080





Display	Integrated 17.3" (439.42 mm) HD LED LCD (1920×1080) with scratch-resistant glass and optional resistive touchscreen
Available CPUs	<ul style="list-style-type: none">• AMD Ryzen Threadripper• AMD EPYC
Memory	Up to 1TB DDR4 2133MHz RAM
PCI Expansion	Up to (7) full-length PCI Express 3.0 slots
Storage	<ul style="list-style-type: none">• OS/application SSD for fast boot and load: 250GB to 2TB M.2 PCIe Gen3. X4, NVMe• 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
Operating Systems	<ul style="list-style-type: none">• Windows 10 64 Bit Pro, Windows Server• CentOS, Red Hat and other Linux distributions• VMWare vSphere
Power Options	<ul style="list-style-type: none">• 1000W 50/60Hz 110/220V AC input auto-switching 1+1 redundant power supply modules, with hot-swap and carrier frame/sub-assembly• Optional 1000W 48V DC input 1+1 redundant power supply modules
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: <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• Components mechanically secured within the robust internal structure and external metallic chassis
Regulations	FCC Class A, and CE. Certified TUV
Physical	7.22" (183.39mm) D x 16.95" (430.53mm) W x 16.39" (416.31mm) H (not including folded-down handle)
Carrying Cases	<ul style="list-style-type: none">• 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



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