

RADIUS



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

Within a very small, lightweight, portable footprint, the Radius enables high-performance, application specific appliance and service solutions. The Radius is ideal for deployable use cases requiring high-end processing and storage such as data recording, webcasting, graphics generation, deployable server applications, deployable virtualization applications, and graphics editing applications.

Its internal architecture is modular and scalable, ideal for innovators to personalize your platform specific to your application requirements.

The Radius can be optimized for various work flows by selecting your preferred combination of the latest Intel Core i7 v3 and Intel Xeon v3 "Haswell" multi-core processors, high-performance 2133MHz memory, and up to six removable, enterprise-class SSD, SAS, or SATA hard drives. The system also features up to three PCI Express 3.0 slots (and a single PCI Express 2.0 slot) for high-performance I-O, graphics, co-processing cards, or RAID controllers for recording, streaming and databases,

Differentiate yourself with private label branding, customization, integration, and other OEM appliance services which can help you productize your innovation with first to market advantage. Whether you need a specific solution or a modular, scalable, product line, Radius is the answer you've been looking for.

Latest Intel®
multi-core processors

Up to 32GB RAM

Multiple terabytes of
internal fixed and hot-
swappable storage

Integrated 17.3"
1920 x 1080 display
or touchscreen

Additional lightweight
add-on displays
available

Four PCI Express or
PCI slots





SPECS

Available CPUs	Intel® Xeon or Intel® Core™ i7 (including v3 versions)
Memory	Up to 32GB DDR4 2133MHz RAM
PCI Expansion	Up to (3) full-length PCI Express 3.0 slots and (1) or more PCI Express 2.0 slots
Storage	<ul style="list-style-type: none">• Up to (6) removable 2.5" hard drives -or-• Up to (6) internal, fixed 2.5" hard drives• Optional drive encryption
Available Drive Capacities / Features	<ul style="list-style-type: none">• SATA up to 1TB each• SAS up to 2TB each• Solid State Drives up to 1TB 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 with optional capacitive touchscreen (1920x1080)• Support for external displays including NextComputing's specially designed clip-on displays
Operating Systems	<ul style="list-style-type: none">• 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	<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	Based on typical configurations. Custom configuration results may vary: <ul style="list-style-type: none">• Relative humidity (5-95%) non-condensing• Operating: 5°C–40°C / 41°F–104°F. Non-Operating: -20°C–70°C, -4°F–158°F
Regulations	FCC Class A, and CE. Certified TUV
Physical	6.06" (D) x 12.38" (H - including folded-down handle) x 16.76" (W). Basic configuration ~15lbs.
Carrying Cases	<ul style="list-style-type: none">• System includes soft carrying case• Optional rolling soft case or rugged hard case available
Warranty	1 year parts and labor



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