



FM 45531

ISO 9001 Certified  
AS 9000 Compliant



SBA Certified SDB

**The R550i is an affordable alternative to development. CRI can provide a repackaged, rugged COTS work station\* that will fit into a standard 19" equipment rack and operate effectively in most military and industrial environments, while preserving the full functionality, capability, reliability and supportability of the commercial system!**

- ❖ Repackaging at the board level
- ❖ Full performance, functionality, reliability, supportability maintained
- ❖ Standard and custom designs
- ❖ Full line of rugged compatible displays and peripherals available

## **R550i Rugged Rack Mount Workstation**

Shown with Hot Swap Drive Option



\*Any commercial Intel based configuration is available in ruggedized model e.g. Compaq, Dell, HP

**CRI** a Div. of RSI Inc., 7901 E. Riverside Bldg 2, Suite 150 Austin, TX 78744,  
Sales: 866-872-2700, (512) 386-7500, Fax:(512) 386-7518, email: [infocri@rsi-cri.com](mailto:infocri@rsi-cri.com), [www.rsi-cri.com](http://www.rsi-cri.com)



## Technical Specifications\* - Rugged Rack Mount - R550i

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Any commercial Intel based configuration (single, dual, or dual core CPU) is available in ruggedized model  
e.g. Compaq, Dell, HP, Supermicro, SGI Fuel

**Performance:** Per COTS specifications without degradation

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<b>Rugged Configuration:</b>	<b>Approximate Dimensions</b>	<b>Weight</b>
19" Rack Mountable 1-2 CPU	19"W x 10.5"H x 27"D 7 x 5.25 Front Accessible Drive Bays	50 lb.

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**Options:** 15", 18" or 20" Analog AMLCD  
Rugged PS/2 Compatible Keyboard, w/integral Pointing Device

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**Power:** 50-60 HZ, 110-220 VAC  
Optional 28 VDC

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### Ruggedizaion Features

- Shock Isolated drives
  - All Aluminum Corrosion Resistant Chassis
  - EMI/RFI Filters
  - Shielded Wire
  - Enhanced Cooling
  - Sand and Dust Filters
  - Conformal Coat Option
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### Environmental Characteristics

**Altitude:** Operating to 10,000 ft  
Non-Operating to 40,000 ft

**Temperature:** Operating: -5 degrees C to +40 degrees C (Low temp. option available)  
Non-operating: -40 degrees C to + 71 degrees C

**Humidity:** 5% - 95% non-condensing (condensing humidity, salt/fog option avail.)

**EMI:** FCC/CISPR 22 Class B (Mil-Std 461 option available)

**Shock:** Operating: 20g, 11ms ½ Sine Wave  
Non-Operating: 30g, 11ms ½ Sine Wave

**Vibration:** Mil-STD-167 Type 1

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