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SYSTEM

Product Information
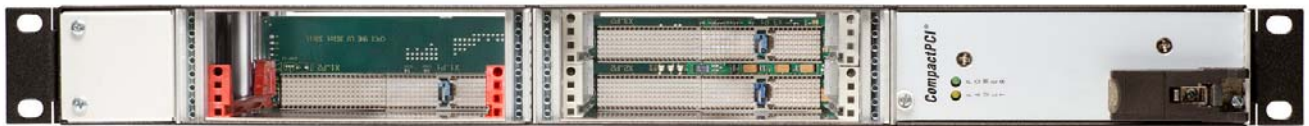
CR1-3-RACK

Low Profile *CompactPCI®* System Rack

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With the **CR1-RACK**, EKF introduces a 19-inch 1U rack for single size CompactPCI® boards (3U Eurocards). The CR1-RACK is a low profile solution for horizontal mounting of up to three CompactPCI® cards and (optionally) rear I/O transition modules. Shelf mamagement is available as an option.

The CR1-RACK system slot is well suited for accommodating a 4HP or 8HP CPU board such as the PC1-GROOVE or PC2-LIMBO, with an on-board mass storage unit and (optionally) a side card. Another two CompactPCI® peripheral slots are provided for additional 4HP I/O cards.
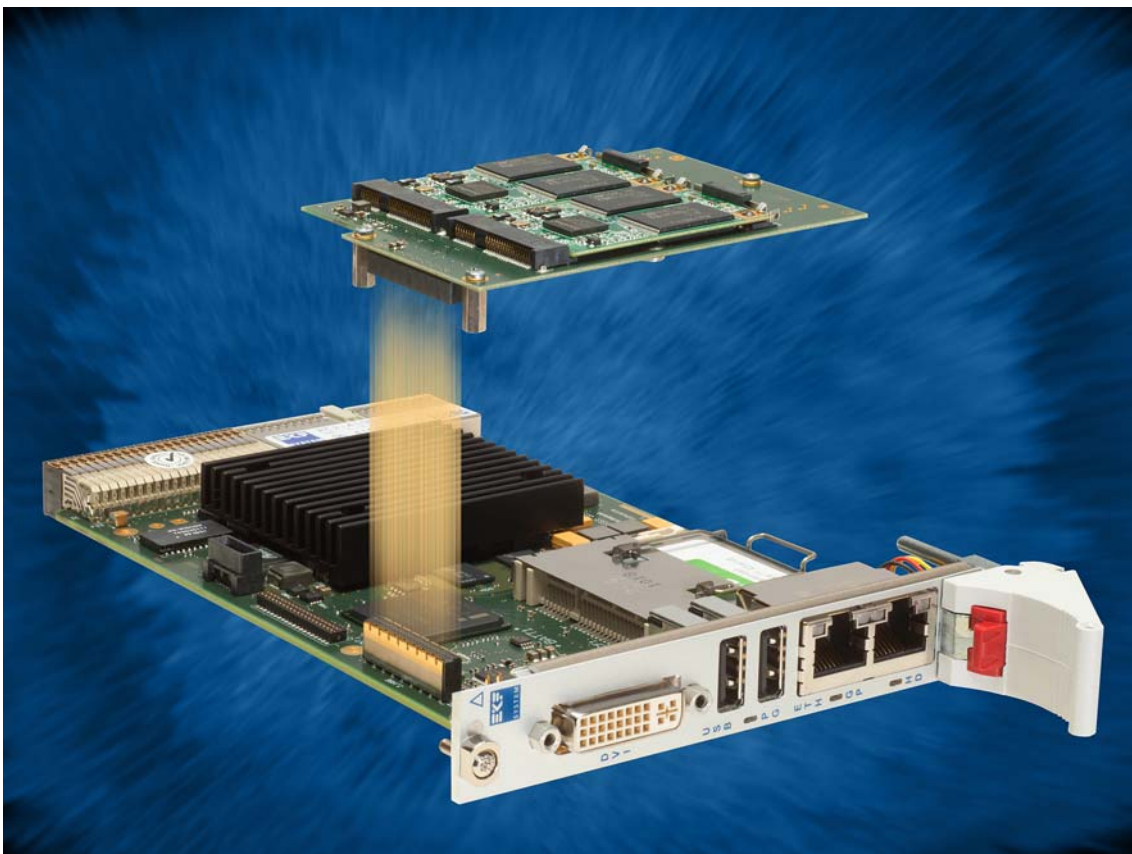

CR1-RACK

Front View

Rear View

Shelf Management Option

Technical Features	
General	19-Inch 1U/84HP CompactPCI® System Rack
Dimensions	44.2mm x 444.6mm x 280mm (H x W x D)
Cooling	3 x DC Fans 40mm x 40mm
Backplane	▸ CPCI Systemslot 4HP (8HP w. Side Card) ▸ 2 x CPCI Peripheral Slots 4HP ▸ 32-bit, +5V Vio ▸ Rear I/O Option
Power Supply	▸ Removable Power Supply 250W ▸ 90-264VAC 47-63Hz ▸ +3.3V 18A ▸ +5V 25A ▸ +12V 5A ▸ -12V 0.5A
Operating Conditions	▸ 0°C to +40°C Operating Temperature ▸ -30°C to +70°C Storage Temperature ▸ 5% to 80% Humidity Non Condensing
Shock Vibration	▸ MIL-STD-810F 1 Jan 2000 Annex C, U.S highway truck Figure 514.5C-1, vertical Shock test (Sawtooth) Figure 516.5-10 ▸ DIN EN 61373:1999, Figure 2, Category 1, Class B MIL-STD-810F 1 Jan 2000 Annex C, Shipboard: Figure 514.5C-15
Regulatory	▸ EMC EN61000-6-3 EN6100-6-1 ▸ Safety EN60950-1

PC1-GROOVE (Sample 8HP Assembly)

PC2-LIMBO (Sample 4HP Assembly)

Overview CompactPCI® Racks		
Systems	CompactPCI®	www.ekf.com/c/csys/csys.html

Recommended CPU Cards		
PC1-GROOVE	Intel® Core™ i7	www.ekf.com/p/pc1/pc1.html
PC2-LIMBO	Intel® Atom™ E6xx	www.ekf.com/p/pc2/pc2.html

Ordering Information
www.ekf.com/liste/liste_20.html#CR1

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