



Product Information CR4-RACK

4U System Rack für 3U *CompactPCI*® Boards

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With the CR4-RACK, EKF introduces a 19-inch rack, which is suitable to accommodate up to eight single-size Eurocard (3U) CompactPCI boards. Due to the 1U fan unit, which is equipped with reliable low noise fans for an optimum air-flow, the overall height of the system is 4U.

The **CR4-1-RACK** is a universal solution for industrial grade standard applications. Provided with a removable power supply, floppy disk, hard disk and DVD-ROM drives, the rack is well suited for *CompactPCI* CPU boards such as the CC5-RAVE and the CC7-JAZZ.



CR4-1-RACK

The **CR4-2-RACK** is equipped with an economical ATX style power supply, and does not provide mass-storage devices. It is therefore suitable for CPU cartridges such as the CCF-CONCERT, which already contain a hard disk and a floppy drive.

Since the BIOS of the EKF CPU boards allows for *remote boot* across the networking interface, the CR4-2-RACK is also a good choice for disk-less solutions, resulting in reliable systems for rugged environment.



CR4-2-RACK

The **CR4-3-RACK** provides a rear I/O backplane (other features identical to CR4-1-RACK). Therefore this rack is suited for CompactPCI CPU cards with rear I/O capacity, e.g. CC2-TANGO or CC9-SAMBA.

The system-slot is situated most-right on the *CPCI* backplane, thus allowing use of CPU modules with larger (non-standard) front-panels up to 12HP without losing the neighboured slot. Located to the left, another 7 slots are completely available for adapter boards.

With a depth of only 280mm the CR4-X-RACK is suitable for both, either cabinet mounting, or as a stand-alone computer.

Available as an option is a desktop case (CR4-9) for table-top applications (see similar image below).



CR4-3-RACK with CR4-9 Case

Furthermore EKF offers custom specific solutions, including services as a system integrator. We can tailor any CompactPCI system to your special needs - turnkey ready!



CR4-XX-RACK Custom Specific Systems

Technical Specifications CR4-RACK			
	CR4-1-RACK	CR4-2-RACK	CR4-3-RACK
Height including fan unit	4U		
Width	84HP (1HP = 5.08mm)		
Depth	280mm		
CompactPCI bus	8 x P1-P2 (32/64-bit)		8 x P1-P2 (Rear I/O)
Additional mounting space available right to the CPCI Bus	8HP		
Power supply	12HP Removable 115/230V 180W	ATX 115/230V 400W	12HP Removable 115/230V 180W
Floppy disk drive	✓	-	✓
Hard disk drive	✓	-	✓
DVD-ROM drive	✓	-	✓
Fan unit 1U	2 x Fan 12V 119x119mm air flow 2 x 137m ³ /h		
Desktop case 4U	Option CR4-9		

Subject to technical changes without further notice

Ordering Information	
Ordering No.	Short Description
CR4-1-RACK	19"/4U Rack, 8 slots CompactPCI standard backplane P1-P2, for 3U CPCI boards, removable power supply, floppy disk, hard disk, DVD-ROM
CR4-2-RACK	19"/4U Rack, 8 slots CompactPCI standard backplane P1-P2, for 3U CPCI cartridges and boards, industrial ATX power supply, w/o mass storage drives
CR4-3-RACK	19"/4U Rack, 8 slots CompactPCI rear I/O backplane P1-P2, for 3U CPCI boards with rear I/O capacity, removable power supply, floppy disk, hard disk, DVD-ROM
CR4-9-RACK	Add-on option desktop case 4U
CR4-XX-RACK	Custom specific 3U/4U system racks

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