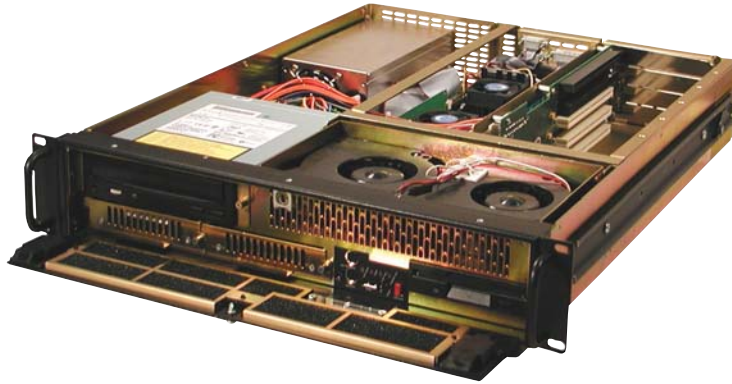


2U Computer Rackmount

CRM223



- (4) PCI Slots or (2) PCI Slots, (1) Shared PCI/ISA Slot, (1) ISA Slot
- (1) 3.5" Floppy, (1) CD-ROM, (2) 3.5" Hard Drive Bays
- Front Panel LEDs
- Front Fan, Separate Fan for Power Supply
- 300 or 400 W AC or DC Power Supply
- 3.5" (2U) H x 19" W x 21.25" D

SPECIFICATIONS:

POWER SUPPLIES

- 2U size ATX supplies, 300 or 400 watt
- Universal AC or -48VDC input
- Redundant power supplies also available

PERIPHERAL SUPPORT

- (1) Front accessible 3.5" Floppy Drive Bay
- (1) Front accessible CD ROM Drive Bay
- (2) Front accessible 3.5" Hard Drive Bays

DIMENSIONS

- 3.45" high x 19" wide x 21.25" deep
- Chassis width is 17".

STATUS INDICATION

- A standard LED display panel provides system status and alarm indications on voltages, fans, temperatures, and other operating parameters.

OPERATING ENVIRONMENT

- Temperature 0 - 40°C (depending on board installed)
- Humidity 10 - 90% non condensing

BACKPLANE SUPPORT

- Multi-layer, low noise, minimal capacitance passive backplane
- Four slots maximum, ISA or PCI-Local Bus

STANDARD BACKPLANE INCLUDES

- (4) PCI Slots
- or
- (2) PCI Slots, (1) Shared PCI/ISA Slot, (1) ISA Slot

COOLING

- Two front blowers
- Separate fan for power supply
- Large filtered entrance

CABINET FINISH

- Beige or Black front
- Yellow chromate plating all other parts
- Custom Finishes Available

FRONT PANEL CONTROLS

- Reset
- System on/off
- Keyboard, Mouse, and USB

REAR PANEL I/O

- Serial and Parallel ports
- All other ports off boards

POWER SUPPLY

- 300 or 400 Watt, AC or DC Input
- 230 Watt DC Redundant
- 320 Watt AC Redundant

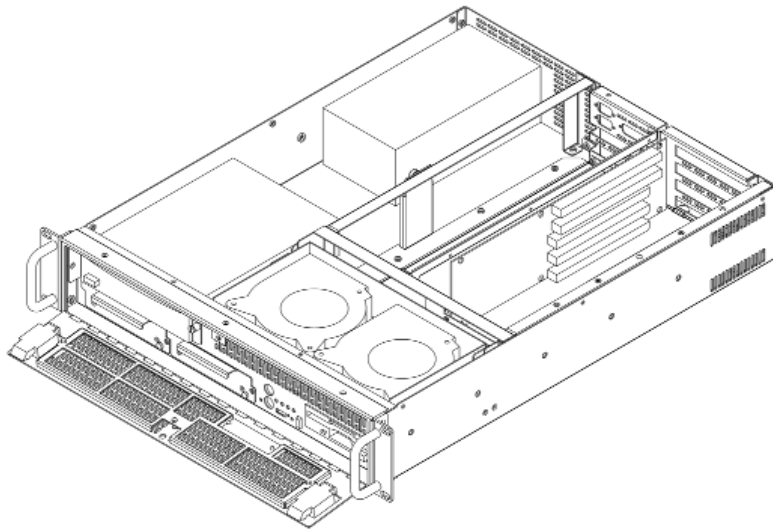
	Universal AC			-48 VDC		
Voltage	300W	400W	320W (redundant)	300W	400W	230W (redundant)
5V	30	40	30	30	42	30
3.5V	20	20	15	20	20	20
12V	11	14	18	11	14	14
-12V	1.0	1.0	1.0	1.0	1.0	0.5
-5V	1.0	1.0	0.5	1.0	1.0	0.5
5VSB	0.75	0.75	4	1.0	1.0	1
Combined 3.3V and 5V	160W	210W	150W	32A	42A	220W



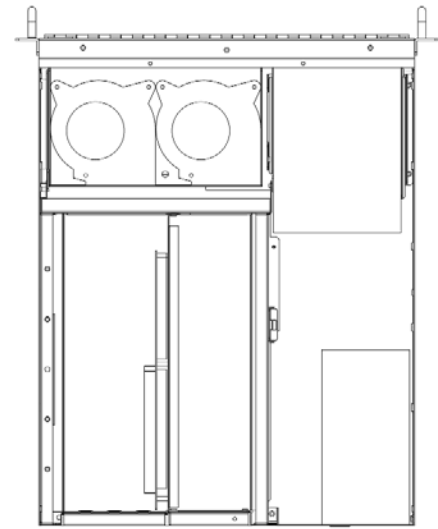
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Top Open



The CRM223 is an ideal gateway platform with its small size and large number of features. Some of the CRM223's features include a relatively large power supply, diagnostic features, cooling, slot count, and storage capacity, all in 3.5" of rack space.

The chassis is manufactured of 16, 18, and 20 gauge steel that is plated and painted for corrosion resistance. The interior plating insures long life and enhanced EMI/RFI qualities. The front of the unit is painted.

The front drive bay area will accept one floppy drive, one 5.25" size drive (i.e. CD ROM drive), and two 3.5" hard drives. The two hard drive bays can be configured with an optional SCA board to provide hot plugging of the two drives.

The CRM223 has one power supply, which supplies up to 400 watts to the unit. A 300 watt supply is also available. The power supply system supplies up to five voltages to the system. The power supply is available with a universal AC input or a

DC input voltage of 40-60 VDC (-48 volt DC nominal). The supply has standard ATX output.

Two blowers are directly in front of the cardcage for optimal cooling of the cards. The blower assembly can be removed by unscrewing one captive screw inside the unit. If the fan should stop operating, the system monitor would trigger an alarm and an LED indicator would light up on the front panel. The air filter, which maintains the cleanliness inside the chassis, is also easily accessible. The main filter can be serviced by removing the filter from the front door of the unit.

The side loading card cage allows easy access and quick installation and removal of the plug in cards in the passive backplane. The top cover can be removed by unscrewing the screws around the unit. The cardcage can then be rotated by removing two screws located on the rear of the unit and up to six screws on the bottom. A holddown bar is also provided as a protective measure for the unit in case it

is installed in a high vibration environment. The card area can only be configured with a butterfly style backplane custom to this chassis and will support up to 4 I/O slots plus the CPU.

The CRM223 has as a standard feature an LED status indicator panel. The LED panel will provide status of fans, internal temperature, voltage signal conditions, and other conditions. Also featured on the status panel are a system reset switch, power ON/OFF switch, keyboard port, mouse port, and USB port.

Contact DTI Sales and Marketing Department for more information.



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