

4U Computer Rackmount

CRM417



- Accommodates 14 Slot Backplane
- Standard Floppy; Two Half-Height 5.25" IDE or SCSI Devices; Two Internal Hard Drive Bays
- Front Panel LEDs
- (2) 90 CFM Hot-Swap Fans Standard, 125 CFM Optional
- 300 or 400 W AC or DC ATX Power Supply System
- UL and FCC Certified
- 6.97" (4U) H x 19" W x 18.5" D

SPECIFICATIONS:

POWER SUPPLIES

- 300 or 400 watt power supply system
- Universal AC input capability or -48VDC input
- Dedicated Internal fan for independent cooling of power supply
- Redundant AC and DC supplies are also available

PERIPHERAL SUPPORT

- One front accessible 3.5" drive bay
- Two front accessible half-height drive bays
- Two internal hard drive bays

DIMENSIONS

6.97" high (4U)x 18.5" deep x 19" wide

STATUS INDICATION

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

OPERATING ENVIRONMENT

- Temperature 0-50° C
- Humidity 10-90% non condensing

BACKPLANE SUPPORT

- Multi-layer, low noise, minimal capacitance passive backplane
- 14 slots maximum; ISA and PCI-Local Bus
- 3.3 volt support

COOLING

- Two Hot-swappable 90 CFM fans
- Optional 125CFM Fans to replace 90 CFM fans
- Separate fan for power supply

CABINET FINISH

Black or Beige

FRONT PANEL CONTROLS

- On/Off Switch
- Reset Button
- Keyboard
- Mouse
- USB
- Video (Optional)

REAR PANEL I/O

- One standard /AT keyboard connector
- Two DB9 serial connectors
- One DB25 parallel connector

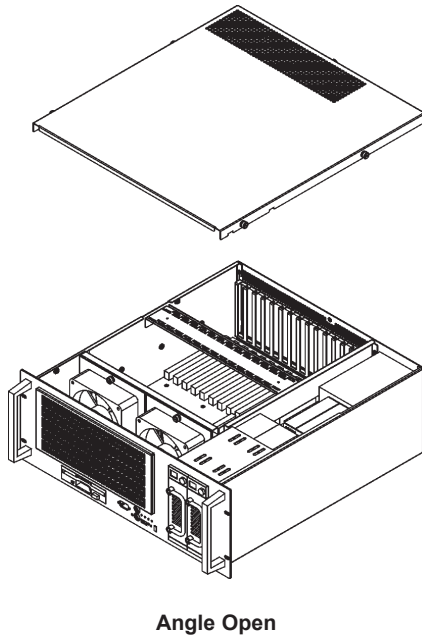
Voltage	Universal AC			-48 VDC		
	300W	400W	320W (redundant)	300W	400W	230W (redundant)
5V	30	40	30	30	42	30
3.5V	20	20	15	20	20	20
12V	11	14	18	11	14	14
-12V	1.0	1.0	1.0	1.0	1.0	0.5
-5V	1.0	1.0	0.5	1.0	1.0	0.5
5VSB	0.75	0.75	4	1.0	1.0	1
Combined 3.3V and 5V	160W	210W	150W	32A	42A	220W



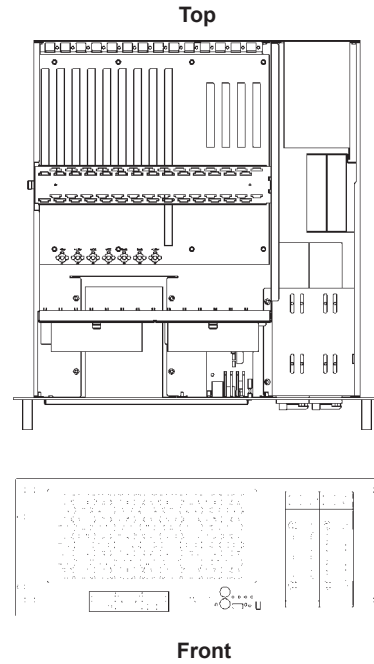
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Angle Open



Front

The CRM417 represents a state of the art 19" rackmountable computer chassis. With the combination of a small enclosure, power supply, diagnostic features, cooling, slot count, and large storage capacity, the CRM417 provides all the needed function of a computer in one package.

The chassis is manufactured of 18 gauge steel that is plated for corrosion resistance. The plating insures long life and enhanced EMI/RFI qualities. The front panel and filter holder are painted with a polyurethane paint for an attractive appearance.

The front drive bay area will accept two standard half-height hard drives and one floppy drive. An internal bay is also available for another two hard drives. Multi-drive SCA modules can also be installed in the bay to increase drive capacity. With all the storage capacity available, the CRM417 is the perfect candidate for a multi-gigabyte RAID configuration.

The CRM417 has 300 watt or 400 watt power supplies with its own self contained airflow system. Redundant supplies are also available in this unit. The AC power supplies adjust between nominal 110-220 VAC, 50-60 Hz. The DC power supplies have an input voltage of -40VDC to -56 VDC.

Two independently mounted hot-swappable 90 CFM fans (or optional 125 CFM fans) are mounted directly to the cardguide for easy accessibility. The fans are removed by unscrewing the captive fastener on the top and pulling the fans up and out of the unit. No connectors have to be disconnected for the removal of the fans. The fans that cool the card cage have an output which is checked by the CPU's system monitor to insure proper operation. If one fan should stop operating, the system monitor would trigger an alarm and an LED indicator would light up on the front panel. The air filters which maintain the cleanliness inside the chassis are also easily accessible. The front filter can be removed and cleaned without any tools. Once the filter has been cleaned and thoroughly dried, it can be snapped back into the proper location.

The top 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 five captive screws. The holddown bar must then be removed to install or remove cards. The holddown bar is a protective measure for the unit in case it is installed in a high vibration environment. The card area can be configured with any of DTI's

ISA and PCI passive backplanes up to 14 slots. The CRM417 has as a standard feature an LED status indicator panel for use with any DTI CPU cards equipped with system monitoring capabilities. The LED panel will provide status of fans, internal temperature, voltage signal conditions, and other conditions. The CRM417 also has multiple connections on the front panel to make an occasional connection to the unit. The CRM417 has standard on all units a front mounted keyboard, mouse, and USB. A video port can also be added as an option.

Contact DTI Sales & Marketing Department for more information.



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