

Industrial Tower Enclosure

CT20



- Accommodates 20 Slot Backplane
- 12 Standard 5.25" Half-Height Drives or 5 Full-Height Drives
- Front Panel LEDs
- 300 or 400 W, AC or DC, Hot-Swappable Power Supply System
- UL and FCC Certified
- 27.75" H x 9.75" W x 28.5" D

SPECIFICATIONS:

PHYSICAL DIMENSIONS : 28.5"D x 9.75"W x 27.75"H

POWER : 300W or 400W AC or DC, Hot-Swappable

CARD CAGE CAPACITY : 12 five and 1/4" Half-Height Hard Drives

FRONT ACCESS DRIVE BAYS : Four visible through door

FRONT PANEL INDICATORS : Power, H.D., Power/Fail, Temp.

FRONT PANEL CONTROLS : Power On, Reset

REAR PANEL CONTROLS : Individual Power Supply Switch
6 Serial, 6 Parallel

COOLING : Card Cage: 296 CFM
Power Supply: 40 CFM ea.



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The CT20 is a desk side tower computer chassis incorporating many of the features found in industrial systems for mission critical applications. The combination of an attractive enclosure, multiple power supply options, fault tolerance, serviceability, diagnostic features, cooling, high slot count, and large storage capacity is unequalled in one package.

The chassis is manufactured of 18 gauge steel that is plated for corrosion resistance. The exterior panels and bezel are painted with polyurethane paint. The large door on the front allows access to the peripheral drives and air filter.

The drive bay area will accept 12 standard 5.25" half height drives or 5 full height drives. Any combination of floppy drives, hard drives, tapes or CD-ROM's can be used in the drive bays. When combined with an appropriate disk controller, a multi-gigabyte RAID configuration can be installed in the CT20.

The rear loading, dual, hot swappable, power supply module contains commercial rated power supplies which operate in a load sharing redundant mode with their own self contained airflow system. By sharing the system load equally between the power supplies,

both units operate considerably cooler than either a single power supply or the dominant supply in a typical hot-standby system. In the unlikely event that one of the power supplies should fail, each individual supply is capable of fully supplying the load for the entire system. LED indicators on each power module provide panel indication of individual power supply status. The CT20 can be ordered as AC or 48 volt DC input voltages with 300 or 400 Watt output configurations.

Four independently mounted 35 CFM fans provide the main cooling for the card cage area. The fans are pluggable and can easily be replaced during operation of the system. Dual fans located in the rear of the CT20 exhausts air from the card cage area. The air filter is easily accessible for removal and cleaning and is mounted on the inside of the front panel for the cooling fans. Removing the left side panel gains access to the card cage area. The side loading card cage allows easy access and quick installation and removal of plug-in cards in the passive backplane. The card cage area can be configured with any of DTI's ISA, EISA & PCI passive backplanes having up to 20 slots.

The CT20 has, as a standard feature, a LED status/indicator panel for use with DTI CPU cards equipped with system monitoring capabilities. The LED panel will provide status of internal temperature, voltage signal conditions as well as user-defined monitoring. Contact DTI Sales & Marketing for more information.



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