

Vertical Board Loading VME64 Enclosure

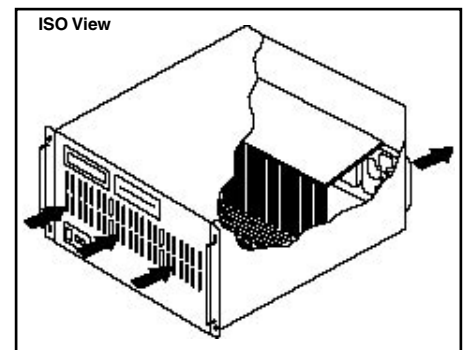
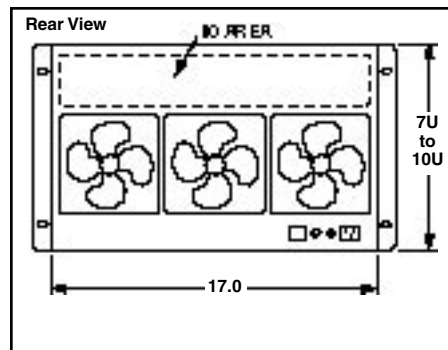
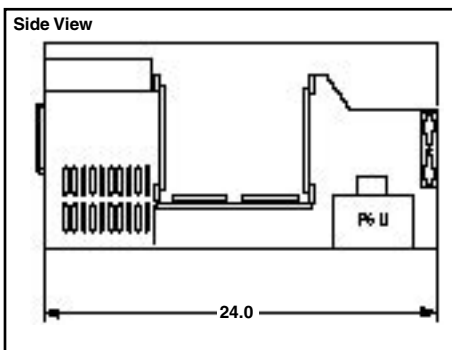
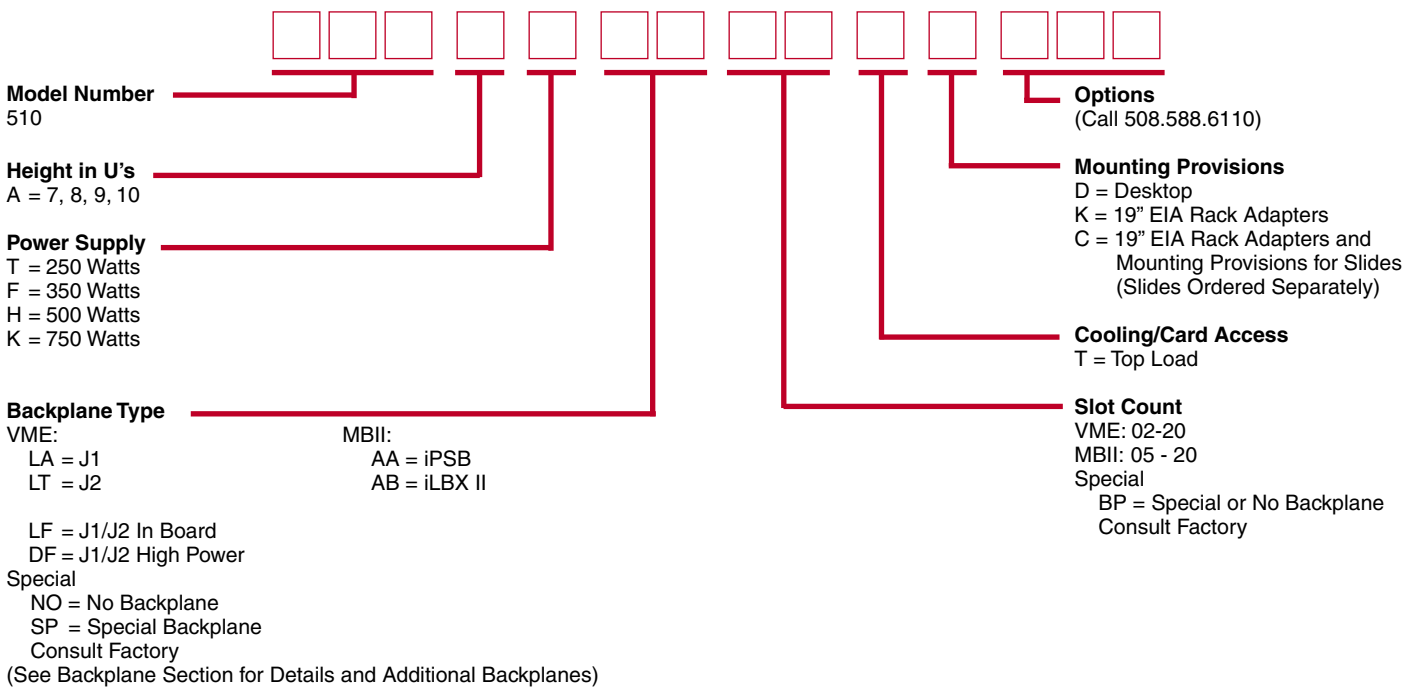
510 Series

ELECTRONIC PACKAGING DIVISION



- 17" (431,8) W x 24" (609,6) D x 8U or Higher
- Easy Access Through Top and Bottom Panels
- Top Load
- Up to 750 Watts
- Fixed Mount Drive Options
- Hot Swap/Redundant Power Supplies
- Power and Airflow Monitoring

Ordering Information



—innovative engineering, dependable products—

Carlo Gavazzi Computing Solutions designs and manufactures standard and custom AdvancedTCA™, CompactPCI®, PCI/ISA, and Switch Fabric backplanes, cabinets, enclosures, I/O boards, and integrated systems that address your outsourcing and time-to-market needs.



CARLO GAVAZZI COMPUTING SOLUTIONS

- Electronic Packaging
- Fabric & Connectivity
- Embedded Computing
- Fulfillment

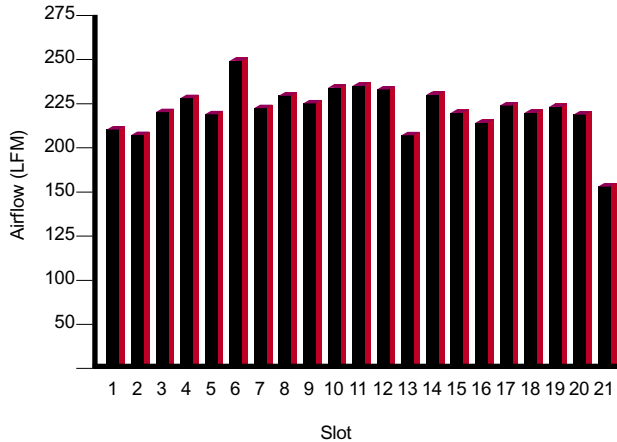


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Test Data - 510 Series



Height

	No Drives	Dual Half Height	Dual Full Height
VME	7U	8U	9U
MBII	8U	9U	10U

NOTE: All Mounting Provisions Are for 5¼" Drives. Power Cabling Is Included With All Drive Mounting Options.

Power Supply Current Outputs

Power Supply	+5V	-5V	+12V	-12V
250 Watts (T)	35A	1.5A	8/12A	2A
350 Watts (F)	50A	2A	8/12A	4A
500 Watts (H)	80A	2A	10/16A	10A
750 Watts (K)	120A	2A	12/20A	10A

Design Specification 510 Series

Physical

- Depth - 24" (609,6)
- Height - See Table A
- Width - 17" (431,8) w/o EIA Ears

System Options

- Redundant Power Supplies
- Hot Swap Power Supplies
- Hot Swap Backplanes
- System Monitor
- Fan Monitor
- Temperature Monitor
- N+1 Solutions

Backplanes

- 100% Level 3 Elec. Test
- 100% Press-Fit Construction
- VME, VME Hot Swap, MBII, MBI
- See Backplane Section for Complete List of Options

Reliability

MTRR	MTBF
PSU = .5 hrs	= 100,000 hrs
FAN = .25 hrs	= 50,000 hrs
B/P = 1 hr	= 1,000,000 hrs

Environmental

- Operating Temperature 0° to 50°C
- Storage Temperature -20° to 85°C
- Humidity - Less Than 95% Noncondensing
- Acoustical - <45dba Typ.

Electrical

- Frequency 47-63 Hz (400 Hz Available)
- Voltage 90 - 132, 180 - 264 VAC (Auto range Available)
- Fusing - Line and Neutral
- Rear Power Entry, Dual Fusing
- Front On/Off, Reset, Voltage LEDs
- Power - 250 - 750 Watts See Table B for Options
- Power Factor Correction Available

Cooling

- Triple 90 CFM Fans
- 12V DC Brushless Sealed Ball Bearing
- Optional Air Filter
- Current Draw 500 mA/Fan Typ.
- 130 CFM Available

Designed To Meet

- UL 1950
- EN 60950
- VDE Class A
- CSA 22.2
- FCC Class A

Structure

- .09" (2,29) 5052-H32 Aluminum
- Clear Chromate MIL-C-5541 CL3
- Outside Surface Painted Fed. Std. 27780 Beige
- Anti-vibration Fasteners
- Conductive Interfaces

CARLO GAVAZZI
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East: 10 Mupac Drive, Brockton, MA 02301
West: 740 E. Glendale Ave., Sparks, NV 89431

• Tel. 508.588.6110 • Fax 508.588.0498 • www.gavazzi-computing.com
• Tel. 775.331.8283 • Fax 775.331.8004 • www.gavazzi-computing.com

