

Rackmount RAID Array

517 Series

ELECTRONIC PACKAGING DIVISION



- 7"H (4U) x 17"W x 17"D Chassis
- 8-slot SCA SCSI-III LVD Backplane
- AC or DC Redundant Hot Swap 250W Power Supplies
- Quick Access Air Filter
- Eight Hot-Swappable SCA SCSI III LVD 3.5" Drives
- One Front Access 5.25" Half-Height Drive Bay & One Internal 3.5" Drive.
- Single Tool and Single Screw Accessibility
- Rear I/O Panel
- Front Drive Indicator/Activity LEDs

Carlo Gavazzi's 517 Series is a lightweight aluminum chassis with all new accessibility and cost savings features targeting your telecom/ industrial/datacom and environmentally challenging applications.

The 517 Series is a 17-inch (7" high, 17" deep) industrial-strength rackmount/benchtop chassis featuring an 8-slot SCSI active backplane. Eight hot-swappable, front-accessible 3.5" drive shuttles are provided. In addition, single front-accessible 5.25" and single, buried, top-accessible 3.5" drive mounting provisions are provided. The chassis comes with dual redundant, 250 Watt, voltage-selectable, hot-swappable, rear-accessible AC power supplies (DC input is also available). A positive pressure cooling subsystem with two independently removable 53 CFM quiet 12VDC fans, coupled with a removable foam dust filter, is complemented by a power supply exhaust fan that ensures optimal clean airflow through the chassis to remove heat from drive shuttles.

Standard front panel controls/indicators include power ON/OFF, power supply status indicator, and eight peripheral activity LEDs. The 517 is the first in the industry to offer rear I/O knockout panels that eliminate I/O subplates. The knockouts provided are quad 68-pin SCSI. A two-year limited warranty is standard.



—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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SPECIFICATIONS

Dimensions

- 6.96" High (4U) x 17" Wide x 17" Deep (177mm x 432mm x 432mm).
- Weight: approximately 20 lbs.

Construction/Finish

- Designed to meet EIA-310 rackmount standard.
- Clear chromate aluminum finish.
- Standard front panel is painted black medium texture. Other paint schemes are available.

Backplane

- 8-slot SCA SCSI III LVD backplane.
- Conforms to SCSI Parallel Interface 3 (SCSI III) specifications.

Peripheral Mounting

- Eight 3.5" front-accessible.
- One 3.5" internal, top-accessible.
- One 5.25" half-height, front-accessible.

Indicators/Controls

- Power on/off switch.
- Power supply status indicator.
- Eight peripheral activity LEDs.

Rear Panel I/O

- Power input connector.
- Configurable, field-replaceable I/O knockout panel. Standard includes a quad 68-pin SCSI.

Power Supply Subsystem

Output Current (AC or DC version)
250W

- +5V 25A
- +12V 10A
- -12V 0.5A
- -5V 0.5A

Input Voltage

AC version: 98-132/190-260 Volt Input, switch-select, 47 to 63 Hz.
DC version: 48 Volt Input.

Thermal Management

- Front-to-rear evacuated air with two independently rear-removable 53-CFM quiet 12VDC fans.
- Power supply includes an exhaust fan.
- Removable, washable foam filter (20 ppi filtration).

Regulatory

Designed to meet the following:

Safety: UL/cUL Recognized to 1950 CSA, C22.2, No. 950, CE Mark EN60950.

EMC: FCC 47 CFR Part 15, Class A (US); CISPR 22, CE Mark (Europe); AS/NZS 3548:1995/CISPR 22, Class A (Australia); VCCI, Class A (Japan).

ESD: EN61000-4-2,3 (1998), EN61000-4-4 (1995-10).

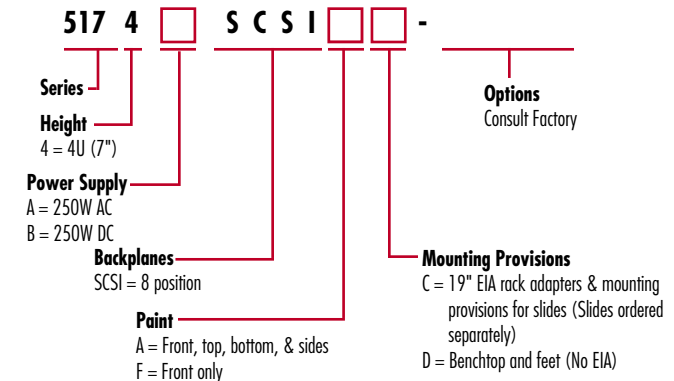
Reliability

- MTBF: >50,000 POH, full load @ 40°C.
- Two-year limited warranty.



ORDERING INFORMATION

Call for pricing and availability. *Custom versions quoted.*



Example: 5174ASCSIAD - 001 = 517 Series, 4U high, redundant 250W AC power supplies and an 8-slot SCSI backplane, standard painted chassis, with EIA rack adapters.

Environmental

	Operating	Storage/Transit
Temperature:	10 to 40°C (50 to 122°F)	-20 to +60°C (-4 to 140°F)
Humidity:	15 to 85% @ 50°C (122°F), non-condensing	0 to 95% @ 50°C (122°F), non-condensing
Altitude:	10,000 ft. (3048 m.)	50,000 ft. (15,240 m.)
Shock:	10G (11msec.), 3-axis	
Vibration:	.5G, 5 to 500Hz, 3-axis	
Acoustic Noise	<40db (peripherals idle at 1m)	

CARLO GAVAZZI
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