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TECHNOLOGY GROUP

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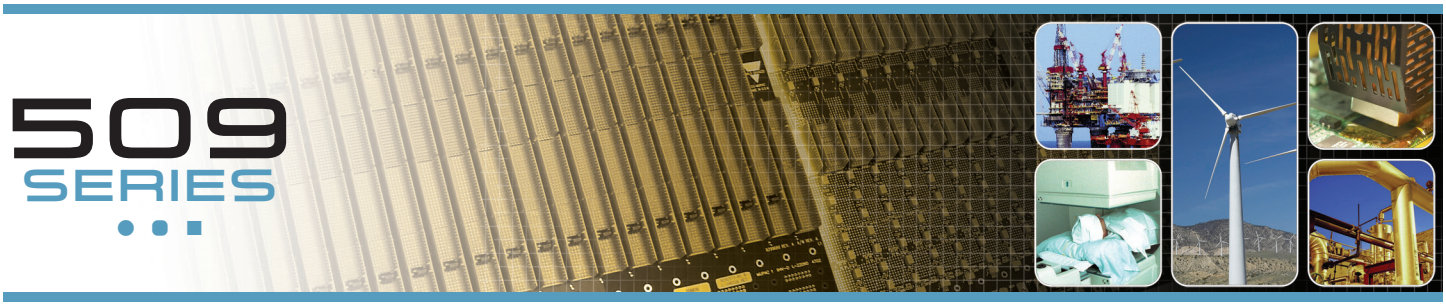
Expert team | Trust guarantee | 100% satisfaction

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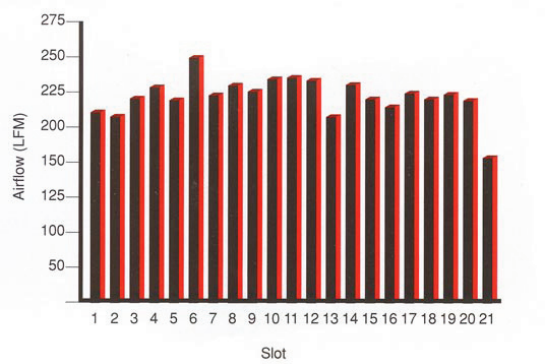
Find the *S.I.E. Computing / Carlo Gavazzi 5090WNG10FC-100 A* at our website: *Click HERE*

COMPUTING SOLUTIONS

509 SERIES



509/529 | Series | 8U Rackmount / Benchtop Enclosure



Slot Count	Drive Options	Enclosure Height Required	
509 VME/MBII		6U Rack	9U Rack
Up to 12	Dual Full or 1⁄2 Heights - Peripheral Bays	8U	-
Up to 20	Dual 1⁄2 Heights Over Rack - Front Access	10U	-
Up to 20	Dual Full Heights Over Rack - Front Access	11U	-
529 VXI/SUN			
Up to 13	None	8U	11U
5 or 8 (20 SUN)	Dual Full or 1⁄2 Heights - Peripheral Bays	8U	11U
Up to 13 (70 SUN)	Dual 1⁄2 Heights Over Rack - Front Access	10U	13U
Up to 13 (70 SUN)	Dual Full Heights Over Rack Front Access	11U	14U

NOTE 1: All Mounting Provisions are for 5¼" drives unless otherwise noted - Power Cabling is included with all drive mounting options.
NOTE 2: Peripheral Bays are recessed behind the front panels.

Power Supply Current Output

Power Supply	+5V	-5V	+12V	-12V	+24V	-24V	-2V
350 Watts (F)	50A	2A	8/12A	4A			
500 Watts (H)	80A	2A	10/16A	10A			
600 Watts (M)	50A	25A	8A	4A	3A	3A	10A
750 Watts (K)	120A	2A	12/20A	10A			
1000 Watts (W)	150A	10A	20/30A	10A			
1300 Watts (R)	70A	28A	16A	16A	8A	8A	30A

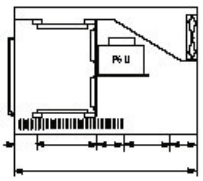
NOTE : All Power Supplies are quad output switching power supplies.



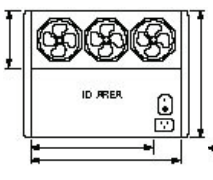
Features and Benefits

- VME64, VME64x, and MBII Vertical Load
- 20.5" (520,7) Deep
- Up to 21 Slots (4 HP)
- Recess or Flush Mount Boards
- Power supplies to 1000W
- 8U to 12U High
- Fixed Mount Drive Options
- Pressurized or Evacuation Cooled
- I/O Provisions
- Rackmount or Desktop

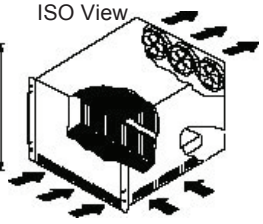
Side View



Rear View

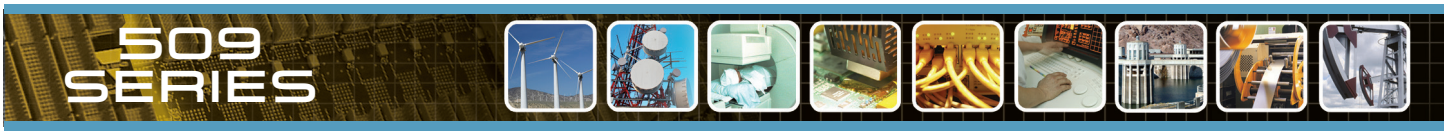


ISO View



SIE Computing Solutions | 10 Mupac Drive | Brockton, MA 02301 | 1-508-588-6110 | www.sie-cs.com

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509/529 | Series | 8U Rackmount / Benchtop Enclosure

Design Specifications: 509/529

Physical
- 509 Depth = 20.5" (520,7)
- 529 Depth = 26" (660,4)
- 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
- See Backplane Section for complete list of options

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

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

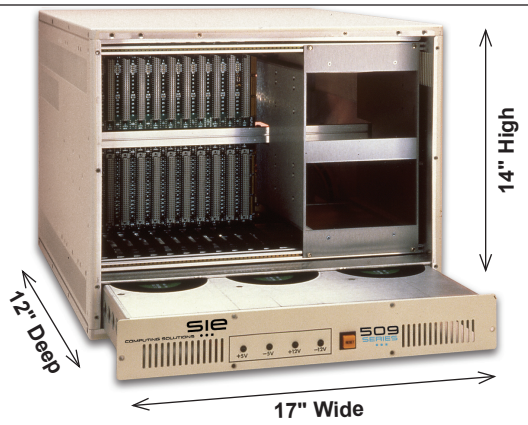
Designed To Meet
- UL 1950
- EN 60950
- VDE Class A
- CSA 22.2
- FCC Class A

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
- Captive Hardware Available

Reliablity

	MTTR	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.



Part Numbering / Ordering Information:



Model Number
509 = 20.5" (520,4) Deep
529 = 26" (660,4) Deep

Height in U's
8, 9, 0 = 10
A = 11
B = 12
C = 13
D = 14

Power Supply
W = 100 Watts
H = 500 Watts
K = 750 Watts
F = 350 Watts
M = 600 Watts
R = 1200 Watts

Backplane Type
VME:
LA = J1 **LF** = J1/J2
DF = J1/J2 High Performance
LT = J2 **HA** = Hot Swap
MBII:
AA = iPSB **AB** = iLBX-II
VXI:
GF = J1/J2- C Size
GH = J1/J2/J3- D Size
SUN:
EB = 9U, J1/J2/J3 with J/2 Local SUN Bussing
EC = 9N, J1/J2/J3 without J/2 Local Sun Bussing
Special:
NO = No Backplane
SP = Special Backplane Consult Factory

Number of Slots
VME = 02-21
MBII = 05-20
VXI = C Size: 5, 8, 13
D Size: 13
SUN = 9U: 04-20
SPECIAL = BP: Special or No Backplane

Cooling/Card Access
E= Evacuation/Front Access

Mounting Provisions
D =Desktop
K =19" EIA Rack Adapters
C =19" EIA Rack Adapters and Mounting Provisions for Slides (Slides ordered seperately)

Options
(Call 508.588.6110)

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SIE COMPUTING SOLUTIONS

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