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Find the *S.I.E. Computing / Carlo Gavazzi 5098SSPBPFK-121* at our website: *Click HERE*

9U-19″ Rackmount, HA Enclosure

5059 Series

ELECTRONIC PACKAGING DIVISION



- 15.75″H (9U) x 17″W x 12″D
- 21-Slot 6U x 160mm/6U x 80mm IEEE 1101.10/1101.11 Compliant Subrack
- Hot Swap, N+1 400W or 600W Power Options
- Hot Pluggable, Tach Alarm Monitored Fan Tray with 2-90cfm Fans
- Power Monitoring LEDs for Voltages
- Multiple Plug-in Peripheral Options/Configurations Available
- Available with VME 64X, VITA41, CompactPCI or Compact-PCI 2.16 Fabric backplanes

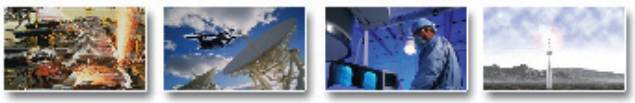
Carlo Gavazzi's 505 Series is a configurable, midrange 9U rackmount/benchtop enclosure for industrial, datacom/telecom, and prototype applications.

The 505 Series is a 19-inch rackmountable/benchtop industrial 9U (15.75″) high - 12″ deep chassis that can be configured to meet your needs. There are 21 usable 6U x 160mm front accessible slots and 21 6U x 80mm rear transition slots which allow for a variety of configurations. The chassis is designed to support hot swap, N+1 front pluggable AC input power supplies. A front pluggable positive pressure cooling scheme, providing (2) 12VDC 90cfm fans and tach alarm output. This cooling design provides low MTTR and high reliability. Front panel controls/indicators include a DC inhibit switch and backplane voltage LEDs, as well as an ESD jack. The rear I/O 400W or 600W panel includes an AC/DC power switch, ESD jack, and ground stud, designed with telecom and NEBS compliance in mind.

Versatile. Reliable. Carlo Gavazzi's 5059 Series enclosures are designed to meet the needs of embedded, telecommunications, development, testing, military, and measurement applications.

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

CARLO GAVAZZI

9U-19" Rackmount, HA Enclosure

5059 Series

ELECTRONIC PACKAGING DIVISION

SPECIFICATIONS

Dimensions
- 15.75"H (9U) x 17"W x 12"D

Weight
- 30lbs (13.6 kg) approximately, w/o cards

Construction/Finish
- .09" Lightweight 5052-H32 aluminum.
- Black medium texture finish per Fed-ST D595-27038.

Backplane
VME 64X
- ABt connector
- VITA 41 (optional)
- VI/O Selectable +5.0 or +3.3 V.
- Coding keys for 3.3 & 5 volt operation

Compact PCI
- 3.3V and 5V keying (optional)
- PICMG 2.16 fabric (optional)

Subrack
- Front Loading 6U x 160mm
- Rear loading 6U x 80mm
- IEEE 1101.10 & IEEE 1101.11 Compliant

Indicators/Controls
- Rear On/Off Power Switch
- Front DC Inhibit Switch
- CompactPCI Power LEDs
- Fan Monitoring LED
- ESD Jack

Rear Panel
- Power input
- Ground Lug
- ESD Jack

Power Supply Subsystem
- Inputs: AC 90-264Vac
  DC 40-72Vdc, 12A max.
- Output Current:

	400W	600W
+5V	50A	50A
+3.3V	50A	65A
+12V	12A	6A
-12V	4A	3A

Thermal Management
- Monitored hot pluggable fan tray with two 90CFM DC brushless ball bearing fans.
- Front air intake, upper rear exhaust.

Designed to Meet
- NEBS
- FCC Class A/B
- UL1950
- CSA 22.2
- PICMG 2.0 Rev. 3.0
- CE

Reliability
- MTBF: >50,000 POH
- Two Year Limited Warranty

Peripheral Cards Supported
- 6U x 160mm 4 to 12hp
- Shielded Front Panels
- Front Accessible and Embedded HDD, Floppy, CD-ROM, DAT, etc.
- Configurable to meet your needs. See options sheet or consult factory

Environmental	Operating	Storage/Transit
Temperature:	0 to 50° C (32 to 122°F)	-20 to +60°C (-4 to 140°F)
Humidity:	-20 to 90% @ 50°C (122°F), non-condensing	5 to 95% @ 50°C (122°F), non-condensing
Altitude:	15,000 ft. (4,572 m.)	50,000 ft. (15,240 m.)

Acoustical <55dba Typical

ORDERING INFORMATION

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

505 9 □ □ □ □ □ S K- □ □ □

Series

Height
9U=15.75"

Power Supply
A=1 AC 400W Power Supply
B=2 AC 400W Power Supplies
C=1 AC 600W Power Supplies
D=2 AC 600W Power Supplies

Backplanes
NL05=VME64X 5 slot ABG (with PO option)
NL12=VME64X 12 slot ABG (with PO option)
VX12=VITA 41 12 slot ABG
RX75=CPCI 5 slot right justified (5V Keys)
RV75=CPCI 5 slot right justified (3.3V Keys)
RY78=CPCI 8 slot right justified with H110 (5V Keys)
RW78=CPCI 8 slot right justified with H110 (3.3V Keyes)
RE74=CPCI 2.16 8 slot right justified (5V Keys, H110, 7 node slots and 1 switch fabric slot)
FE78=CPCI 2.16 8 slot right justified (3.3 V Keys, H110, 7 node slots and 1 switch fabric slot)

Stocking Unit

19" EIA Rack Adapters
Front/Mid mount

6U x 8HP Peripheral Shuttle (takes up 2 slots)
Proivisions for two 3.5" Embedded Drives
A=No Shuttle
B=One Shuttle
C=Two Shuttle
D=Three Shuttle

6U x 8HP Peripheral Shuttle (takes up 2 slots)
Proivisions for two 3.5" Front Accessible and one 3.5" Embedded Drives
A=No Shuttle
B=One Shuttle
C=Two Shuttle
D=Three Shuttle

6U x 12HP Peripheral Shuttle (takes up 3 slots)
Proivisions for one 5.25" Front Accessible Drive
A=No Shuttle
B=One Shuttle
C=Two Shuttle
D=Three Shuttle

Example: 5059ARY78SK-ABB is a 505 Series, 9U High with:
- One 400W Plug-in AC Power supply,
- 8-Slot Hot Swap, Right Justified Backplane with H.110 Bussing, and 5V keys installed
- One Embedded device, and one 6U x 8HP Shuttle for one 3.5" Front accessible
- One 6U x 12HP Shuttle for one 5.25" Front accessible device

CARLO GAVAZZI
COMPUTING SOLUTIONS

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