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Find the *S.I.E. Computing / Carlo Gavazzi 68512S86666-100* at our website: *Click HERE*

FabricPac™

6851 Series

ELECTRONIC PACKAGING DIVISION



- 2.16 Packet Switch Compliant 8 Slot Backplane with CompactPCI, H.110, and IPMB buses
- 8HP Intel® Pentium® III Processor SBC
- Hard drive, CD, and floppy
- Your choice of OS (Windows 2000®, Windows NT®, Linux®, or Solaris®)
- Your choice of memory
- Layer 2 or 3 Switch Card

Carlo Gavazzi's FabricPac 6851 is a configurable, CompactPCI 8U rackmount/benchtop platform for Industrial, Datacom/Telecom, and Prototype applications.

The FabricPac 2.16 Packet Switch Fabric Ready Platform is a 19 inch rackmountable/benchtop chassis that can be configured to meet your CompactPCI Packet Switch Fabric needs. This system comes complete with an Intel Pentium III CompactPCI SBC, Layer 2 or 3 Switch Card, EIDE hard drive, CD, floppy drive, your choice of memory, and OS (Windows 2000, Windows NT, Linux, or Solaris). The FabricPac takes all the above components and wraps them into a NEBS-ready 505 Series enclosure. The 505 Series is 19" wide, 14" high, and 12" deep.

At the heart of the system is the all new FABRICON™ eight slot 2.16 Packet Switch compliant backplane. The chassis is designed to support Hot Swap, N+1 350W front pluggable power supplies with AC or DC input. A front pluggable positive pressure cooling scheme with two 12VDC 90 CFM fans and tach alarm output provides low MTTR and high reliability. Front panel controls/indicators include a DC inhibit switch, backplane voltage LEDs, and an ESD jack.

Scalable performance. Carlo Gavazzi's FabricPac 6851 Series Platform is designed to meet the needs of embedded and applied computing OEMs and System Integrators addressing worldwide datacom/telecom, CTI, industrial automation, military/aerospace, and medical markets.

LINUX.COM NQA ISO 9001 PICMG c UL US LISTED CE CSA

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

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Fabric & Connectivity

Embedded Computing

Fulfillment

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FabricPac™

6851 Series

ELECTRONIC PACKAGING DIVISION

SPECIFICATIONS

Dimensions
- 14"H (8U) x 17"W x 12"D
- Weight: approximately 30 lbs. (13.6 kg) w/o cards

Construction/Finish
- .09" lightweight 5052-H32 aluminum
- Black medium texture finish per Fed-STD 595-27038

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

Backplane
- PICMG 2.0 rev. 3.0
- Hot Swap PICMG 2.1 rev. 1.0
- Telephony (H.110) PICMG
- Supports 32 and 64 bit PCI architectures
- VI/O Selectable +5.0V or 3.3V
- Coding keys for 3.3V and 5V operation.

Backplane Slot Configuration:
- Right Justified System Slot (slot 8)
- Fabric Slot (slot 7)
- CompactPCI in all slots
- 2.16 in slots 2 to 6
- H.110 in slots 2 to 6
- IPMB/IPMI rev. 1.5 in all slots

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

Output: 350 Watts

+5V	40A
+3.3V	40A
+12V	9A
-12V	2A

Note: Not to exceed 350 Watts

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

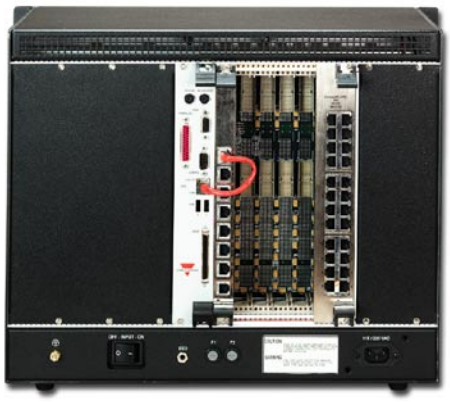
Designed to Meet
- NEBS
- FCC Class A/B
- UL 1950
- CSA 22.2
- PICMG 2.0 Rev. 3.0
- CE

Designed to Meet
- 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 emperature	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.)
Acoustic Noise	<55 dba Typical	



ORDERING INFORMATION

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

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Series

Chassis
1=505 Series

O/S Type
2 = MS Win 2000
3 = Solaris
4 = Linux
6 = MS Win NT WS
7 = MS Win NY T SERV.
8 = No OS
9 = XP

SBC Type
S = SPECIAL*

Proccessor CPU Speed
7 = 700 MHz (CSBC 1100)
A = 800 MHz (CSBC 1200)
F = 1.0 GHz* (CSBC 1200)

Backplane
S = 8 Slot Fabric

1.15" Memory Size
4 = 128MB SDRAM
5 = 256MB SDRAM
6 = 512MB SDRAM
7 = 768SDRAM
N = NONE
S = SPECIAL

CompactPCI I/O Options
S = SPECIAL*

Storage Options
4 = Floppy, CD, and 10GB EIDE
6 = Floppy, CD, and 30GB EIDE
S = SPECIAL

2.16 Fabric Switch
A = Layer 2 Switch
B = Layer 3 Switch

Example: 685163FS566-00A is a Series 505, 8U high, with one 350W plug-in AC power supply, 8-slot Hot Swap, Right justified Fabric Backplane integreated with a 2.16 Layer 2 Fabric Switch Card, an 1Ghz Pentium® III CSBC1200 SBC, 256MB SDRAM, STD rear I/O, floppy, CD, and a 30GB EIDE hard drive with Windows NT installed

*Consult the factory

CARLO GAVAZZI
COMPUTING SOLUTIONS

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