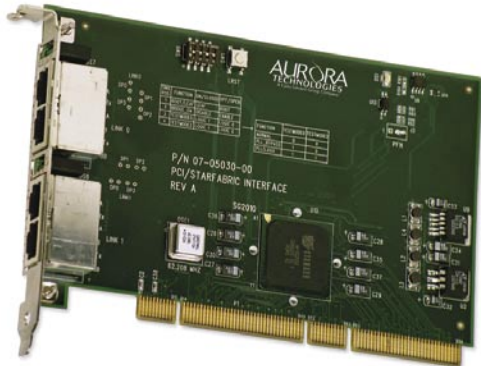


FABRIC & CONNECTIVITY DIVISION



- Incorporates StarGen's StarFabric-to-PCI bridge
- PCI Rev. 2.2 compliant interface
- Two 2.5 Gbps, full-duplex StarFabric serial links
- Eight LVDS status LEDs for serial links
- Serial ROM
- DIP switches for operational modes
- Shielded CAT5 cabling via RJ-45 (for up to 10 meters)
- Linux, Microsoft Windows, Solaris (SPARC and x86), and VxWorks operating system support

Typical applications for our StarFabric-based products include:

- Automated test equipment
- Clustering applications
- Communications (media gateways, blade servers)
- Industrial control/automation
- Medical imaging
- Military applications (radar, imaging)
- PCI expansion
- Storage (NAS, SAN)
- Video/image processing

The PCI-SB StarFabric PCI Interface Card enables users to support next generation systems requirements while maintaining investments in legacy PCI devices. This interface card is ideal for demanding real-time applications, such as VoIP, that require maximum scalability, bandwidth, and reliability.

The PCI-SB interface card installs in any standard PCI slot including the XP-SB series of PCI expansion chassis. The PCI 2.2 compliant interface card connects to any StarFabric-enabled device via shielded CAT5 cables with RJ-45 connectors. The interface card and any StarFabric-enabled device can be placed up to 10 meters apart. The PCI-SB is compatible with 64-bit/66 MHz and 32-bit/33 MHz bus speeds. Featuring two 2.5 Gbps, full duplex StarFabric serial links, the PCI-SB translates PCI traffic into serial frame format for transmission across the switch fabric or directly to a remote StarFabric-enabled device.



—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.

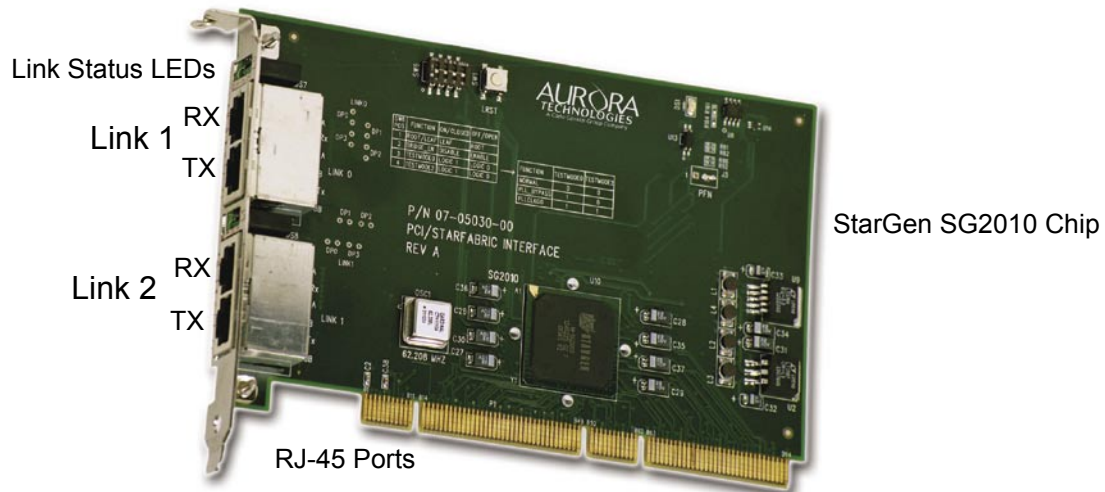


CARLO GAVAZZI COMPUTING SOLUTIONS

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



FABRIC & CONNECTIVITY DIVISION



General Specifications

Model	PCI-SB StarFabric PCI Interface Card
PCI Compliance	PCI 2.2
Bus Speed	33/66 MHz
Bus Width	32/64 bits
Interconnect	Two StarFabric links via RJ-45 interconnects
Interconnect Bandwidth	2.5 Gbps full duplex
Signal Standards	LVDS IEEE 1596.3 and TIA/EIA-644 Low-Voltage
Power Supply	Supports 3.3, 5 VDC operation
Power Consumption	2 Watts maximum
Max Separation Distance	Up to 10 meters from other StarFabric device
Certification	FCC Class A, CE

Physical Specifications

Bus Interface	PCI 2.2
Form Factor	PCI short card
Dimensions	75 mm x 150 mm x 8.2 mm
Weight	6 oz
Interface Cable	Two shielded CAT5 cables with RJ-45 connectors

Environmental Specifications

Operating Temperature	+10 to +50°C
Storage Temperature	-20 to +60°C
Relative Humidity	5% to 95%, non-condensing
MTBF	50,000 hours

Part Numbers

70-04003-01	PCI-SB StarFabric PCI Interface Card
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