

FABRIC & CONNECTIVITY DIVISION



- Adds two or three PCI expansion slots
- PCI 2.1/2.2 compliant
- Available in 1U rackmount chassis
- Compatible with 64-bit/66 MHz (two slot) and 32-bit/33 MHz (three slot) bus speeds
- Conforms to international emission and immunity standards
- Compatible with SPARC Solaris, Solaris x86, Windows 2000, Windows XP, and Linux

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 XP-SB consists of a PCI host card and a 1U rack-mount chassis housing two or three PCI slots. A second chassis can be added for a total of four or six slots from a single host slot. The chassis connects to the host using two shielded CAT5 cables with RJ-45 connectors. The host and expansion unit can be placed 5 meters apart. Compliant with PCI 2.2 specifications, the XP-2SB supports 3.3V and universal voltage PCI cards. The XP-3SB supports 5V and universal voltage PCI cards.



—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

Models	Two slot: XP-2SB Three slot: XP-3SB
PCI Compliance	PCI 2.1/2.2
Connector	Dual RJ-45
Bus Speed/ Width/ Voltage	64-bit/66 MHz, 3.3V (two slot) and 32-bit/33 MHz, 5V (three slot)
Signal Standards	LVDS IEEE 1596.3 and TIA/EIA-644 Low-Voltage
Slots	Two or three PCI 2.2 compliant expansion slots
Max Separation Distance	Five meters from host card to expansion chassis
Interconnect Bandwidth	2.5 Gbps full duplex
Certification	CE, UL1950, FCC Class A
OS Support	SPARC Solaris, Solaris x86, Windows 2000, Windows XP, and Linux

Physical Specifications

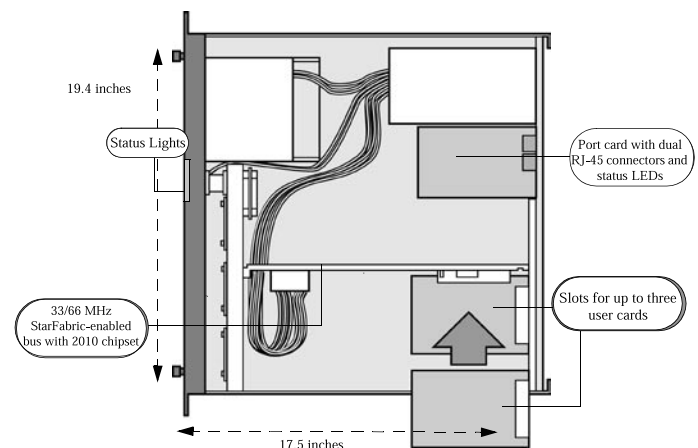
Hardware	SPARC-compatible workstations and servers, with a PCI Bus, supporting Solaris. Intel-based system or compatible, with a PCI Bus, supporting the Solaris x86 operating system environment
Dimensions	19" W x 17.2" D x 1.7" (1U) H 482.6mm W x 436.88mm D x 43.18mm H

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
Cooling	16 CFM Replaceable air filter

Part Numbers

XP-2SB	
70-04000-01	Two Slot PCI Expansion System (Includes chassis and PCI-SB host card)
70-04000-02	Two Slot PCI Expansion (Chassis only)
88-00603-00	1-year Extended Support for XP2-SB
XP-3SB	
70-04001-01	Three Slot PCI Expansion System (Includes chassis and PCI-SB host card)
70-04001-02	Three Slot PCI Expansion (Chassis only)
88-00604-00	1-year Extended Support for XP3-SB



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COMPUTING SOLUTIONS

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