

XP-SB SERIES



XP-SB | Series | PCI Expansion Series

SIE Computing Solutions **XP-SB Series** 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.

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Features and Benefits

- 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 (mediagateways, blade servers)
- Industrial control/automation
- Medical imaging
- Military applications (radar, imaging)
- PCI expansion
- Storage (NAS, SAN)
- Video/image processing





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Design Specifications: XP-SB

Physical

- 1.7" (1U) High
- 19" Wide
- 17.2" Deep

Models

- Two slot: XP-2SB
- Three slot: XP-3SB

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

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

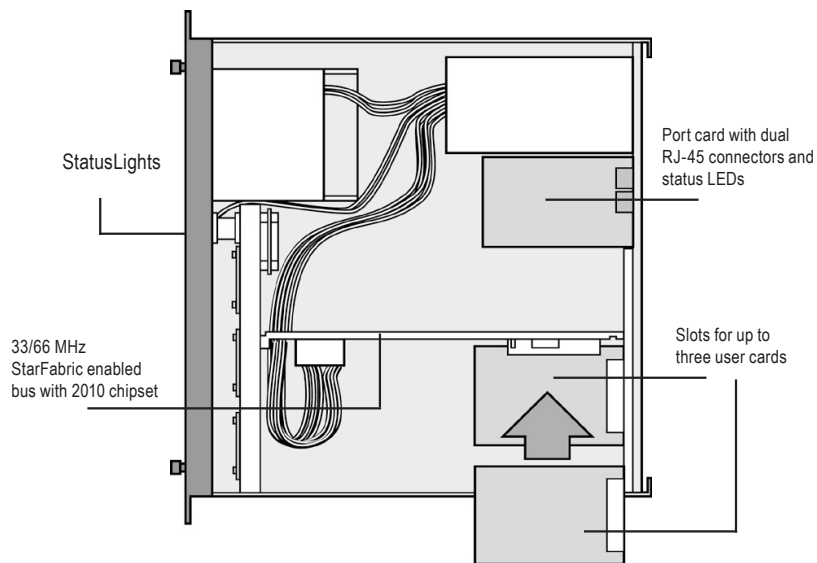
- CE, UL1950, FCC Class A

OS Support

SPARC Solaris, Solaris x86, Windows 2000, Windows XP, and Linux

Environmental

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 Numbering / Ordering Information:

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