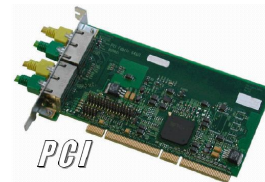
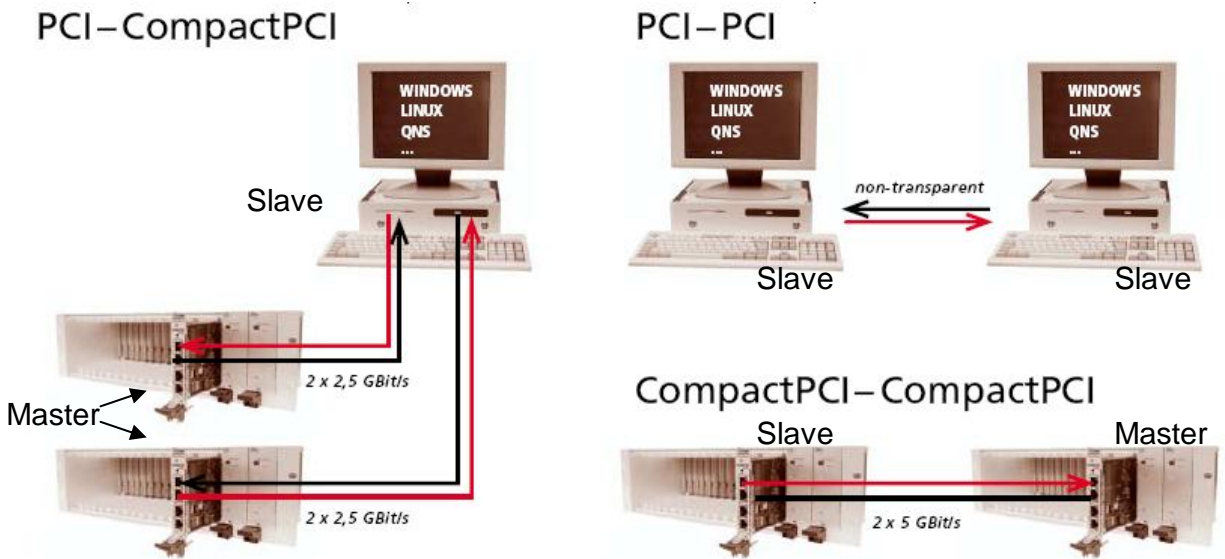


Starfabric Bus Extenders / Link Controllers

The Starfabric bridge boards extend your PCI bus and connect it to other PCI or CompactPCI systems at distances of up to 13 meters. A single low-priced PC CPU to control more than 1000 CompactPCI system components with data transfer rates of up to 880 MBytes per second. Additional CompactPCI/PXI cages can be easily daisy chained for larger applications. Greatest benefit to you: The bridge mode (transparent function) does not require additional software drivers that slow down your system. PCI-PCI connection is also possible in a non-transparent software mode to share PCI resources between computers.

FULL BANDWIDTH up to 66 MHz / 64 Bit signaling assures proper operation for asynchronous traffic. The Starfabric Bridge translates parallel PCI traffic into serial frame format for transmission across Starfabric and then back to parallel PCI with connections up to 13 meters using standard low cost shielded CAT5 cables with RJ45 connectors. Starfabric is completely software transparent that does not use computing resources for protocol conversion. It simply appears as a PCI bridge. The virtually unlimited transfer rates means that time-critical systems can be implemented economically from both the hardware and the software points of view. The CPU's full computing power is available for the application because there is no conversion to another bus system, such as, Ethernet, SCSI, etc. making StarFabric an ideal solution for Industrial and Laboratory applications.



Ordering

Kits

PCI_US0001100 PCI to 3U cPCI Remote Control Option - 64 Bit

Includes:

- PCI_1H0001712 PCI Slave 32-64 bit 3.3V
- PCI_1H0001601 3U cPCI Master 64 bit 3.3-5V
- PCI_F006.1302 Shielded CAT5 Cable - 2M pair (2 sets)

PCI_US0001101 PCI to 3U cPCI Remote Control Option -32 Bit

Includes:

- PCI_1H0001712 PCI Slave 32-64 bit 3.3V
- PCI_1H0001631 3U cPCI Master 64 bit 3.3-5V
- PCI_F006.1302 Shielded CAT5 Cable - 2M pair

PCI_US0001200 3U cPCI to 3U cPCI Remote Control Option - 64 Bit

Includes:

- PCI_1H0001611 3U cPCI Slave 64 bit 3.3-5V
- PCI_1H0001601 3U cPCI Master 64 bit 3.3-5V
- PCI_F006.1302 Shielded CAT5 Cable - 2M pair (2 sets)

PCI_US0001201 3U cPCI to 3U cPCI Remote Control Option - 32 Bit

Includes:

- PCI_1H0001641 3U cPCI Slave 64 bit 3.3-5V
- PCI_1H0001631 3U cPCI Master 64 bit 3.3-5V
- PCI_F006.1302 Shielded CAT5 Cable - 2M pair

Boards

PCI_1H0001601 3U cPCI Master 64 bit 3.3-5V

PCI_1H0001631 3U cPCI Master 32 bit 3.3-5V

PCI_1H0001611 3U cPCI Slave 64 bit 3.3-5V

PCI_1H0001641 3U cPCI Slave 32 bit 3.3-5V

PCI_1H0001702 PCI Slave 32-64 bit 5V

PCI_1H0001712 PCI Slave 32-64 bit 3.3V

Accessories

PCI_F006.1301 Shielded CAT5 Cable – 1M pair

PCI_F006.1302 Shielded CAT5 Cable – 2M pair

PCI_F006.1305 Shielded CAT5 Cable – 5M pair

PCI_F006.1310 Shielded CAT5 Cable – 10M pair

PCI_1100.10710 cPCI 6U Front Panel

Starfabric PC System

Requirements

- PCI BIOS, min. V2.1
- PCI V2.2 compatible motherboard
- 32-bit or 64-bit PCI slot with 33 MHz or 66MHz
- 5.0V power supply for PCI_1H00001702
- 3.3V power supply for PCI_1H00001712

Starfabric cPCI System

Master Controller

Requirements

- 64-bit system slot for PCI_1H00001601

- 32-bit system slot for PCI_1H00001631

Starfabric cPCI System

Slave Requirements

- 64-bit peripheral slot for PCI_1H00001611
- 32-bit peripheral slot for PCI_1H00001641

General

- Operating temp.: 0 °C to +70 °C
- Storage temp.: –40 °C to +85 °C
- Operating humidity: 0% to 95% non-condensing
- 1 year limited warranty