

Starfabric PCI Bus Expansion Card



4 Slot PCI Bus Expansion Card

PCI Systems Starfabric PCI Bus Extension Card is an ideal OEM solution to expand a standard desktop PC with additional 32 or 64 bit PCI slots. This option is offered for those customers who wish to design in their own additional PCI slots. You will need to add mechanical mounting, fans, and a power supply with this option. In addition, a Starfabric 6 port switch is available for multiple slot expansion. **FULL BANDWIDTH up to 66 MHz / 64 Bit** signaling assures proper operation for asynchronous traffic is possible. 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 15 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

PCI_1H00002800	Starfabric-PCI 64 Bit/33MHz 5V Expansion Card
PCI_1H00002810	Starfabric-PCI 64 Bit/66MHz 3.3V Expansion Card
PCI_1H00002820	Starfabric-PCI 32 Bit/33MHz 5V Expansion Card

PCI_1H0001702	PCI Root 32-64 bit 5V
PCI_1H0001712	PCI Root 32-64 bit 3.3V

Accessories

PCI_F006.1301	CAT5 Cable – 1M pair
PCI_F006.1302	CAT5 Cable – 2M pair
PCI_F006.1305	CAT5 Cable – 5M pair
PCI_F006.1310	CAT5 Cable – 10M pair



StarFabric Master (Root) 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 PCI Extension Card

- 4 PCI slots free
- Power connection with ATX- or with faston connector
- 32 or 64bit PCI boards can be used
- Stainless steel housing
- Connection to standard computer
- Up to 15m CAT5 cable length
- No software needed
- Full transparent connection
- Dimensions: 3U 28HP 200mm length
- Expandable with [Fabric-Switch](#)

General

- Operating temp.: 0 °C to +50 °C
- Storage temp.: -40 °C to +85 °C
- Operating humidity: 0% to 95% non-condensing
- 1 year limited warranty