

ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

All trademarks, brand names, and brands appearing herein are the property of their respective owners.

Visit our website - *Click HERE*

PCI-40B

4-Slot IndustryPack® Carrier for PCI

I/O & Communications

Features

- 4 IndustryPack slots on a full-length universal PCI slot board
- I/O via four 50-pin keyed, shrouded ribbon cable headers
- Switchable 8/32 MHz IndustryPack bus
- LEDs for CPU access and power monitor
- Filtered power rails and re-settable fuses
- Interrupt acknowledge space for retrieving IndustryPack vectors
- Software-compatible with the PCI-40A
- Reduced memory-map version available



PCI-40B is an IndustryPack® carrier board that provides four IndustryPack slots on a single desktop or industrial PCI slot card. The IndustryPack bus clock is software selectable on a per-slot basis between 8 and 32 MHz.

The standard 8 MB memory space is available for each IndustryPack site. High-speed 32-bit PCI host address space permits desirable linear mapping and fixed address partitions of memory, I/O and ID spaces for each IndustryPack module.

The PCI-40B uses a PLX PCI9080 controller as the PCI bus interface chip and Altera FPGA logic, which provides fully configurable PCI interrupt vector space. The PCI bus interface supports both 3.3V and 5.0 V signaling.

Each IndustryPack site has an adjacent 50-pin flat ribbon connector for extending the host I/O signals. One connector is accessible via the rear-panel. The standard connector permits most of SBS Technologies transition modules and terminal blocks to be used.

The PCI-40B meets the PCI specification specification rev 2.1 and conforms to the VITA-4 IndustryPack Logic Interface Specification. This guarantees compatibility with a wide range of IndustryPacks.

The PCI-40B targets embedded computing applications in industrial automation, communications, transportation, and COTS.



PCI-40B

Specifications

Form Factor
- Universal PCI full-length slot

PCI
- PCI Specification, Rev. 2.1

Carrier Board Memory Space
- 64 MB

PCI Bus Interrupts Generated
- INTA# only

Indicators
- One green LED per IndustryPack slot for CPU access
- One red LED per IndustryPack rail for power monitor

Power Requirements
- +5 VDC, 150 mA typical
- +12 VDC, 10 mA typical
- -12 VDC, 10 mA typical
- Extra power required for IndustryPack modules

Temperature
- Operating: 0° to +70° C
- Storage: -40° to +85° C

Humidity
- 5% to 95% non-condensing

Number of IndustryPack Slots
- Four
- Supports up to two double-wide IndustryPacks

IndustryPack Bus Clock
- Switchable 8/32 MHz per IndustryPack slot

IndustryPack Features Supported
- I/O space
- ID space
- Memory space
- Interrupt acknowledge cycles

IndustryPack Memory Size
- 8 MB per IndustryPack

IndustryPack Interrupts Supported
- Int0 and Int1 for each slot

I/O Access
- One 50-pin 0.1” ribbon cable header per IndustryPack slot
- One connector is rear panel accessible

Fuses
- 1.5A for 5 VDC each slot
- 1.5A for ±12 VDC each slot

Dimensions
- 106.7 mm x 309.9 mm

Weight
- 0.21 kg (0.5 lbs)

Ordering Information

PCI-40B	4-slot PCI IndustryPack carrier with 8/32 IP bus
PCI-40B-R	Reduced memory-map 4-slot PCI IndustryPack carrier with 8/32 IP bus
IP-TERM	50-pin screw terminal block with ribbon cable header

Corporate Headquarters
2400 Louisiana Blvd. NE, #5-600
Albuquerque, NM 87110-4316
Tel 505.875.0600 Fax 505.875.0400
Email info@sbs.com

European Headquarters
Memminger Str. 14
D-86159 Augsburg, Germany
Tel +49-821-5034-0 Fax +49-821-5034-119
Email aug-info@sbs.com

For additional contact information, please visit our web site *at* ***www.sbs.com***

Specifications subject to change without notice. All trademarks and logos are property of their respective owners.
©2005 SBS Technologies, Inc. 20050511

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

Artisan Scientific Corporation dba Artisan Technology Group is not an affiliate, representative, or authorized distributor for any manufacturer listed herein.

We're here to make your life easier. How can we help you today?

(217) 352-9330 | sales@artisantg.com | artisantg.com

ARTISAN® TECHNOLOGY GROUP