

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.

Find the *Abaco Systems / SBS CP-640* at our website: ***Click HERE***

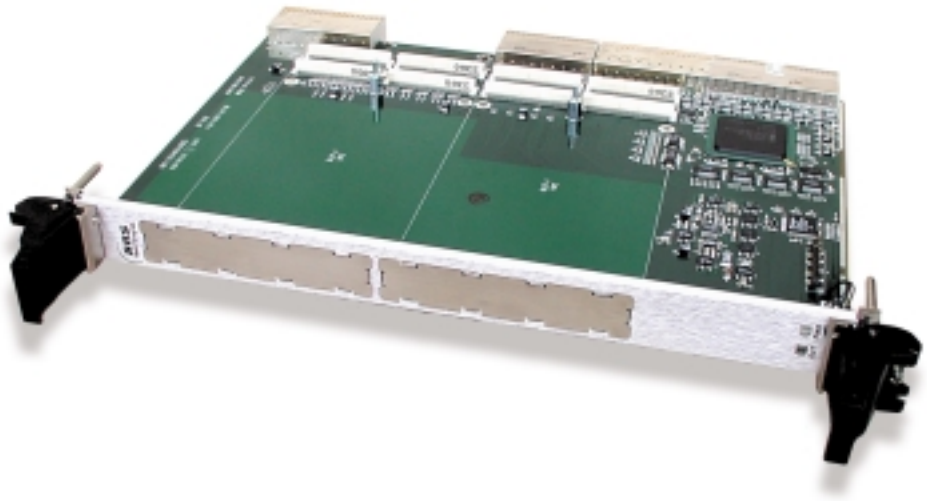
CP-640

Hot Swap Capable Dual PMC Carrier Board for 6U CompactPCI®

INPUT/OUTPUT

Features

- Interfaces two PMCs in a single 6U CompactPCI slot
- Full hot swap capability - PICMG 2.1 compliant
- Front- or back-panel I/O support for both PMC sites
- Supports 5.0 or 3.3 volt PMCs
- Supports bus mastering PMCs
- 64-bit, 33/66 MHz, up to 512 MB/s operation
- Status LEDs for power and hot swap
- 128 I/O lines via rear-panel J3, J5 CompactPCI connectors



CP-640 is a hot swap capable mezzanine carrier board that can hold up to two PCI Mezzanine Cards (PMCs) with front- or rear-panel I/O support in a single 6U CompactPCI® slot. The CP-640 carrier board is ideal for use in high-performance industrial, COTS, and telephony CompactPCI systems that require I/O expansion using the PMC form factor.

Using the industry standard Intel® 21154BC PCI-to-PCI Bridge, the CP-640 supports a 64-bit data path at 33/66 MHz, for up to 512 MB/s operation. The two PMC sites support bus mastering and can be user selected for 3.3V or 5V PMCs (both PMCs must support the same selected signal voltage).

The CP-640 carrier board complies with the PICMG 2.0 version 3.0 CompactPCI specification.

Artisan Technology Group - Quality Instrumentation ... Guaranteed | (888) 88-SOURCE | www.artisantg.com



CP-640

Specifications

Technical Highlights
- 6U CompactPCI form factor
- Two 3.3V or 5V PMC sites, each with front- and rear-panel I/O access
- Intel 21154BC PCI-PCI bridge
- Board power (green) and hot swap (blue) status LEDs

CompactPCI Interface
- Hot swap capable, 33/66 MHz, 32/64-bit, master/slave
- CompactPCI, PICMG 2.0 version 3.0 compliant

PCI
- PCI Specification, Revision 2.2 compliant

PMC Interface
- IEEE 1386.1 PMC

Power Requirements
- +3.3 VDC, 600mA max. (plus additional power consumed by PMCs)
- +5 VDC, 100mA max. (plus additional power consumed by PMCs)

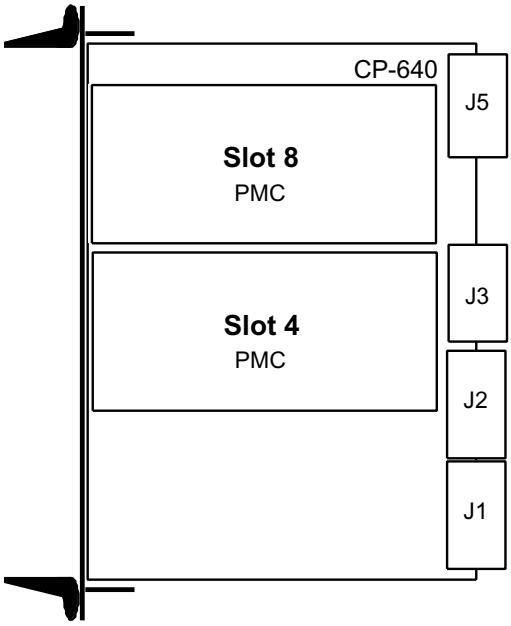
Temperature
- Operating: 0˚ to 70˚ C
- Storage: -40˚ to +85˚ C

Relative Humidity
- 5% to 95% non-condensing

Weight
- 0.26 kg (9.2 ounces)

Dimensions
- 233mm x 160mm

Block Diagram



Slot	Module	Front-Panel I/O Location	Back-Panel I/O Location	Bus Master
4	PMC	On card	J3	Yes
8	PMC	On card	J5	Yes

Ordering Information

Model Number	Configuration
CP-640	Hot swap capable dual PMC mezzanine carrier board for 6U CompactPCI

Custom versions can be created with additional specialized PCI devices built onto the carrier. Front and rear I/O space is available.

SBS Technologies, Inc.
1284 Corporate Center Drive, St. Paul, MN 55121-1245
Tel 651.905.4700 • Fax 651.905.4701 • Email info.commercial@sbs.com • *www.sbs.com*

Specifications subject to change without notice. All trademarks and logos are property of their respective owners.
©2002 SBS Technologies, Inc. 20020225

SBS Technologies
embedded computing preferred…

Artisan Technology Group - Quality Instrumentation ... Guaranteed | (888) 88-SOURCE | www.artisantg.com

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