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Data Sheet

August 15, 2026

ABACO SYSTEMS / SBS / GREENSPRING

Abaco Systems / SBS / Greenspring CPCI-200B-BP IndustryPack Carrier Board

IndustryPack carrier board for CompactPCI systems. Supports one IndustryPack (IP) module.

**MODEL**

Abaco Systems /
SBS / Greenspring
CPCI-200B-BP

CALIBRATION

Available on
request

CONDITION

Used

STATUS

In stock

RFQ / SKU

CPCI-200B-BP

LISTING

<https://aumictechlabs.com/products/cpci-200b-bp-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Abaco Systems CPCI-200B-BP is a 6U CompactPCI carrier board that integrates up to four ANSI/VITA 4 compliant IndustryPack (IP) modules into cPCI systems. It bridges specialized I/O and processing functions through a high-speed 32-bit PCI interface, delivering flexible expansion for embedded and industrial applications. The board features a PLX PCI9080 controller and Altera FPGA logic for configurable interrupt mapping, making it ideal for system integrators and OEMs deploying modular I/O solutions in space-constrained environments.

Technical Specifications

Form Factor & Connectors 6U CompactPCI (160 mm × 233 mm) CompactPCI J4/J5 connectors for host interface Rear I/O support with optional BIO-3 and BIO-4 transition modules IndustryPack Interface Four IP module slots supporting single-wide and double-wide configurations 8 MB memory space per IP site Software-selectable IndustryPack clock: 8 MHz to 32 MHz per slot Int0* and Int1* interrupt support per slot Full I/O, ID, INT, and MEM space support PCI Architecture

PICMG 2.0 R3.0 cPCI Core Specification compliant 32-bit PCI host address space for linear memory, I/O, and ID mapping PLX PCI9080 bridge controller Altera FPGA for fully configurable PCI interrupt vector assignment Automatic 3.3 V or 5.0 V signaling level handling INTA# interrupt generation 64 MB carrier board memory space Power Requirements +5 VDC: 250 mA typical +12 VDC: 10 mA typical -12 VDC: 10 mA typical Resettable 2.5 A @ 20°C fuse (+5 VDC) Resettable 2.0 A @ 20°C fuses (+/-12 VDC) Module-specific power draw additional Environmental Operating: 0°C to 70°C Storage: -40°C to 85°C Humidity: 5% to 95% non-condensing Weight: 0.32 kgKey Features Fully configurable interrupt mapping via FPGA logic Per-slot clock rate selection for timing-critical applications Dual 3.3 V/5.0 V PCI bus compatibility Modular expansion supporting mixed IP module types Low power consumption enabling passive thermal designsTypical Applications Industrial process control and data acquisition Embedded test and measurement systems Military and aerospace signal processing Distributed I/O expansion in cPCI backplanesCompatibility & Integration The CPCI-200B-BP conforms to VITA-4 IndustryPack Logic Interface Specification and PICMG 2.0 cPCI standards, ensuring interoperability with standard IP modules and cPCI host systems. Front or rear I/O configurations are available as order options.

CPCI200BBP Characteristics / Specifications

PARAMETER	VALUE
Model	cPCI-200
Instrument Type	CompactPCI IndustryPack carrier board
Form Factor	CompactPCI
Mezzanine Standard	IndustryPack
Front Panel Variant	cPCI-200A-FP
Backplane Variant	CPCI-200B-BP
Host Bus	CompactPCI
Product Lineage	Greenspring / SBS / Abaco
I/O Routing Front Panel	supported on FP variant
I/O Routing Backplane	supported on BP variant
Module Compatibility	IndustryPack mezzanines including serial and digital IP
Typical Use	industrial CompactPCI I/O expansion
Ordering Alias A	cPCI-200A-FP
Ordering Alias B	CPCI-200B-BP
Mechanical	CompactPCI plug-in carrier
Power Path	from CompactPCI backplane to IP modules
Identifier Family	cPCI-200 / CPCI-200
Related Pci Carrier	PCI-60A six-slot
Compatible Example Module	IP-MP-Serial
Industrial Class	embedded CompactPCI I/O
Front Panel I/O Style	FP suffix assemblies
Backplane I/O Style	BP suffix assemblies
Carrier Bus Width Class	CompactPCI

Full OEM specifications

Complete technical content extracted from the manufacturer datasheet. Sparse OEM tables are reconstructed as tables below; other text is preserved as paragraphs.

Specifications	
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Ordering Alias A: cPCI-200A-FP Ordering Alias B: CPCI-200B-BP	
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Mechanical	CompactPCI plug-in carrier
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Identifier Family	cPCI-200 / CPCI-200
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Compatible Example Module	IP-MP-Serial
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Backplane I/O Style	BP suffix assemblies
Carrier Bus Width Class	CompactPCI

Notes

From Abaco/SBS/Greenspring cPCI-200A-FP and CPCI-200B-BP published product identification as IndustryPack carriers for CompactPCI. Slot count and current budgets belong on the carrier hardware reference.

Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: Available on request. Used · In stock.

Request a quote: sales@aumictech.com · +1 (484) 841-9341

Aumictech

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Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.