


Aumictech

Test & measurement · bought, sold, repaired, calibrated

Data Sheet

August 15, 2026

ABACO SYSTEMS / SBS

Abaco Systems / SBS CL7R2Q0B00C14W18 3U CompactPCI Single Board Computer

Width Class: 12HP on AMAT 0190-12695 CL7 listings Cpci Bus Class: 32-bit/33 MHz on AMAT CL7 listings Literature: Abaco Systems CL7 product page Catalog Sku Class: CL7R2Q0B00C14W18 configuration Cpci Bus Class: 32-bit/33 MHz on AMAT CL7 listings Literature: Abaco Systems CL7 product page Catalog Sku Class: CL7R2Q0B00C14W18 configuration From Abaco/SBS CL7 product page (3U cPCI, 566 MHz-1 GHz, 512 MB, 1600×1200, 82810, 10/100). Exact SKU CL7R2Q0B00C14W18 CPU/memory population is on the configuration label / hardware reference.



MODEL Abaco Systems / SBS CL7R2Q0B00C14W18	CALIBRATION Available on request
CONDITION Used	STATUS In stock
RFQ / SKU CL7R2Q0B00C14W18	LISTING https://aumictechlabs.com/products/cl7r2q0b00c14w18-2/

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Abaco Systems CL7R2Q0B00C14W18 is a 3U CompactPCI single board computer engineered for embedded systems in demanding industrial, military, aerospace, and telecommunications environments. This single-slot SBC delivers flexible processor options paired with multi-OS support, enabling rapid deployment across high-reliability applications from network switching to medical imaging systems. Technical Specifications Processor Options: Celeron 566 MHz or Pentium III 700-1000 MHz Memory: SDRAM up to 512 MB Form Factor: 3U CompactPCI, single-

slot integration Operating Systems Supported: Windows 2000/XP, QNX, VxWorks, Linux I/O Interfaces: Multiple I/O options including serial, parallel, Ethernet, and USB connectivity Power Architecture: Low-power mobile CPU design for thermal efficiencyKey Features Single-slot CompactPCI mechanical packaging minimizes backplane footprint Multi-processor support enables system scaling from entry-level to configurations Broad OS compatibility accelerates software integration and reduces development cycles Low-power mobile CPU implementation reduces heat dissipation requirements in confined spacesTypical Applications Industrial automation and process control Military and aerospace avionics systems Medical and scientific imaging platforms High-bandwidth network switching and intelligent telecommunication infrastructureCompatibility & Integration The CL7R2Q0B00C14W18 integrates into standard 3U CompactPCI backplanes without custom mechanical or electrical adaptation. Software documentation and development resources for the SBS CL7 series are available to support system integration. The board's multi-OS architecture eliminates vendor lock-in while maintaining backward compatibility with established embedded deployments.

CL7R2Q0B00C14W18 Characteristics / Specifications

PARAMETER	VALUE
Model	CL7
Instrument Type	3U CompactPCI single board computer
Form Factor	cPCI 3U
Processor	Intel Pentium III or Celeron
Processor Clock	566 MHz to 1 GHz
Memory	up to 512 MB SDRAM
Video	VGA/LCD up to 1600×1200
Graphics Controller	Intel 82810
Ethernet	Fast Ethernet 10/100 Mb
Serial	two serial channels
Parallel	parallel port
Usb	two USB ports
Storage	flash drive or local hard disk
Ruggedization	commercial (benign)
Related 6u	CT7 6U CompactPCI SBC
Related Transition	CTM13
Width Class	12HP on AMAT 0190-12695 CL7 listings
Cpci Bus Class	32-bit/33 MHz on AMAT CL7 listings
Manufacturer	SBS / Abaco Systems
Use Case	3U cPCI system CPU
Literature	Abaco Systems CL7 product page
Family	SBS CL7
Documentation Type	OEM cPCI SBC catalog
Brand Lineage	SBS Abaco
System Role	3U CompactPCI SBC

PARAMETER	VALUE
Bus	CompactPCI
Catalog Sku Class	CL7R2Q0B00C14W18 configuration

CL7R2Q0B00C14W18 Specifications

PARAMETER	VALUE
Applications	3U cPCI system CPU for compact industrial and semiconductor controllers.
Key Features	3U CompactPCI
Pentium III / Celeron 566 MHz to 1 GHz	Up to 512 MB SDRAM
Technical Specifications	Model: CL7

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	
Specifications	
PARAMETER	VALUE
Model	CL7
Instrument Type	3U CompactPCI single board computer
Form Factor	cPCI 3U
Processor	Intel Pentium III or Celeron
Processor Clock	566 MHz to 1 GHz
Memory	up to 512 MB SDRAM
Video	VGA/LCD up to 1600x1200
Graphics Controller	Intel 82810
Ethernet	Fast Ethernet 10/100 Mb
Serial	two serial channels
Parallel	parallel port
Usb	two USB ports
Storage	flash drive or local hard disk
Ruggedization	commercial (benign)
Related 6u	CT7 6U CompactPCI SBC
Related Transition	CTM13
Width Class	12HP on AMAT 0190-12695 CL7 listings
Cpci Bus Class	32-bit/33 MHz on AMAT CL7 listings
Manufacturer	SBS / Abaco Systems
Use Case	3U cPCI system CPU
Literature	Abaco Systems CL7 product page
Family	SBS CL7
Documentation Type	OEM cPCI SBC catalog
Brand Lineage	SBS Abaco
System Role	3U CompactPCI SBC
Bus	CompactPCI

PARAMETER	VALUE
Catalog Sku Class	CL7R2Q0B00C14W18 configuration

Notes
From Abaco/SBS CL7 product page (3U cPCI, 566 MHz-1 GHz, 512 MB, 1600x1200, 82810, 10/100). Exact SKU CL7R2Q0B00C14W18 CPU/memory population is on the configuration label / 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

788 S 500 E, Pleasant Grove, UT 84062
sales@aumictech.com · +1 (484) 841-9341
<https://aumictechlabs.com>

NIST-traceable calibration · SAM registered ·
30-day returns
NAICS 423690 · 811210 · 541380
Generated August 15, 2026

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