

**Aumictech**

Test & measurement · bought, sold, repaired, calibrated

Data Sheet

August 15, 2026

ABACO SYSTEMS / SBS

Abaco Systems / SBS CT7P84700480C Single Board Computer

Control: CompactPCI system/peripheral slot Operating Temperature Class: commercial cPCI Literature: Abaco Systems CT7 product page From Abaco/SBS CT7 product page (6U cPCI, 500-850 MHz PIII/Celeron, 1 GB ECC, 1600×1200, dual 10/100, SCSI 40 MB/s, 21554). Exact SKU CT7P84700480C CPU speed and memory population are on the configuration label / hardware reference. Operating Temperature Class: commercial cPCI Literature: Abaco Systems CT7 product page From Abaco/SBS CT7 product page (6U cPCI, 500-850 MHz PIII/Celeron, 1 GB ECC, 1600×1200, dual 10/100, SCSI 40 MB/s, 21554). Exact SKU CT7P84700480C CPU speed and memory population are on the configuration label / hardware reference.



MODEL

**Abaco Systems /
SBS
CT7P84700480C**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

CT7P84700480C

LISTING

[https://aumictechlabs.c
om/products/ct7p8470
0480c-2/](https://aumictechlabs.com/products/ct7p84700480c-2/)

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Abaco Systems CT7P84700480C is a 6U CompactPCI Single Board Computer engineered for embedded computing in industrial, aerospace, and defense applications. This SBC integrates Intel processor architecture with comprehensive I/O connectivity, memory expansion, and thermal

management capabilities deterministic performance across extended operating temperatures. Technical Specifications Processor & Memory Intel processor architecture (specific model dependent on configuration) Up to 1 GB SDRAM with ECC On-board storage: 1.8" Flash drive or local hard disk options; newer configurations support NVMe SSDs Video & Display VGA/LCD video output to 1600 × 1200 resolution Dedicated graphics SDRAM: 4 MB (2) MB Networking Dual Fast Ethernet ports (10/100 Mbit) Expansion & Storage XMC expansion site for additional connectivity SCSI interface: Wide SCSI up to 40 MB/sec Key Features 6U CompactPCI form factor for modular deployment Multiple serial channels (RS232/422) USB port support Parallel port interface Air and conduction cooling options with advanced thermal design Commercial and ruggedized configuration availability Typical Applications Industrial control systems, aerospace platforms, defense electronics, and embedded computing environments requiring CompactPCI architecture and deterministic thermal performance. Compatibility & Integration Abaco Systems provides Board Support Packages (BSPs), middleware, and OS support for VxWorks and Linux environments. Pin-compatible design with previous-generation modules enables streamlined system upgrades and lifecycle extension.

CT7P84700480C Characteristics / Specifications

PARAMETER	VALUE
Model	CT7
Instrument Type	6U CompactPCI single board computer
Form Factor	cPCI 6U
Processor	Intel Pentium III and Celeron Processor Low Power
Processor Clock	500 MHz to 850 MHz
Memory	up to 1 GB SDRAM with ECC
Video	VGA/LCD up to 1600×1200 with 4(2) MB high speed SDRAM
Storage	1.8 inch flash drive or hard disk
Ethernet	Fast Ethernet 10/100 Mbit; dual 10/100 Mb Ethernet
Serial	four serial channels
Parallel	two parallel ports
Usb	two USB ports
Scsi	Wide SCSI up to 40 MB/s
Bridge	Intel 21554
Related 3u	CL7 3U CompactPCI SBC
Related Transition	CT7-TM
Manufacturer	SBS / Abaco Systems
Use Case	6U cPCI system CPU
Control	CompactPCI system/peripheral slot
Operating Temperature Class	commercial cPCI
Literature	Abaco Systems CT7 product page
Family	SBS CT7
Documentation Type	OEM cPCI SBC catalog
Brand Lineage	SBS Abaco
System Role	6U CompactPCI SBC

PARAMETER	VALUE
Bus	CompactPCI
Operating temperature	Class: commercial cPCI

CT7P84700480C Specifications

PARAMETER	VALUE
Applications	6U cPCI system controller for industrial and semiconductor-tool hosts.
Key Features	6U CompactPCI
Pentium III / Celeron 500 to 850 MHz	Up to 1 GB SDRAM with ECC
Dual 10/100 Ethernet	Wide SCSI 40 MB/s
Technical Specifications	Model: CT7

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Operating temperature	Class: commercial cPCI
Operating Temperature	Class: commercial cPCI
Operating Temperature Class	commercial cPCI
Literature	Abaco Systems CT7 product page
Family	SBS CT7
Documentation Type	OEM cPCI SBC catalog
Brand Lineage	SBS Abaco
System Role	6U CompactPCI SBC
Bus	CompactPCI Notes From Abaco/SBS CT7 product page (6U cPCI, 500-850 MHz PIII/Celeron, 1 GB ECC, 1600×1200, dual 10/100, SCSI 40 MB/s, 21554). Exact SKU CT7P84700480C CPU speed and memory population are on the configuration label / hardware reference.

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	CT7
Instrument Type	6U CompactPCI single board computer
Form Factor	cPCI 6U
Processor	Intel Pentium III and Celeron Processor Low Power
Processor Clock	500 MHz to 850 MHz
Memory	up to 1 GB SDRAM with ECC
Video	VGA/LCD up to 1600x1200 with 4(2) MB high speed SDRAM
Storage	1.8 inch flash drive or hard disk
Ethernet	Fast Ethernet 10/100 Mbit; dual 10/100 Mb Ethernet
Serial	four serial channels
Parallel	two parallel ports
Usb	two USB ports
Scsi	Wide SCSI up to 40 MB/s
Bridge	Intel 21554
Related 3u	CL7 3U CompactPCI SBC
Related Transition	CT7-TM
Manufacturer	SBS / Abaco Systems
Use Case	6U cPCI system CPU
Control	CompactPCI system/peripheral slot
Operating Temperature Class	commercial cPCI
Literature	Abaco Systems CT7 product page
Family	SBS CT7
Documentation Type	OEM cPCI SBC catalog
Brand Lineage	SBS Abaco
System Role	6U CompactPCI SBC
Bus	CompactPCI

Notes

From Abaco/SBS CT7 product page (6U cPCI, 500-850 MHz PIII/Celeron, 1 GB ECC, 1600x1200, dual 10/100, SCSI 40 MB/s, 21554). Exact SKU CT7P84700480C CPU speed and memory population are 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.