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Data Sheet

August 15, 2026

ABACO SYSTEMS / SBS

Abaco Systems / SBS CC782210LOMC All-In-One 3U Celeron Processor cPCI Single Board Computer

Abaco SBS CC782210 3U Celeron CompactPCI SBC The SBS / Abaco CC782210LOMC is an all-in-one 3U Celeron processor CompactPCI single-board computer. SBS 3U cPCI SBC literature describes Celeron/Pentium III class processing, DRAM, Ethernet, and hot-swap CompactPCI system-slot operation. 3U CompactPCI embedded computing for space-constrained telecom and industrial shelves. Identity from Abaco / SBS CC782210LOMC listing. Exact CPU speed and DRAM size follow the LOMC configuration code. The SBS / Abaco CC782210LOMC is an all-in-one 3U Celeron processor CompactPCI single-board computer. SBS 3U cPCI SBC literature describes Celeron/Pentium III class processing, DRAM, Ethernet, and hot-swap CompactPCI system-slot operation. 3U CompactPCI embedded computing for space-constrained telecom and industrial shelves. Identity from Abaco / SBS CC782210LOMC listing. Exact CPU speed and DRAM size follow the LOMC configuration code.



MODEL

**Abaco Systems /
SBS
CC782210LOMC**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

CC782210LOMC

LISTING

<https://aumictechlabs.com/products/cc782210LOmc-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Abaco Systems CC782210L0MC is a 3U CompactPCI single board computer built around a low-power mobile Intel Celeron processor for embedded applications across industrial automation, medical imaging, scientific instrumentation, test and measurement, and telecommunications. This all-in-one design integrates processor, memory, graphics, and extensive I/O in a single 3U form factor, eliminating the need for expansion modules in space-constrained deployments.

Technical Specifications

Processor: Low Power Mobile Intel Celeron (500–850 MHz) **Memory:** Up to 512 MB SDRAM **Graphics:** Intel 82810 Graphics Controller **Ethernet:** 1 × 10/100 Mb (RJ-45) **Serial I/O:** 4 × RS-232 ports (DB-9 connectors) **Parallel I/O:** 2 × parallel ports (DB-25 connectors) **Form Factor:** 3U CompactPCI, standard-compliant dimensions **Operating Temperature:** –40°C to +70°C (extended range) **System Mode:** System Expansion

Slots: 0 **Key Features** Single-board integration eliminates external processor cards and slave modules Dual I/O architecture with front-panel user connectors and rear system integration points Commercial-grade thermal design relying on chassis airflow; no active cooling required Intel 82810 integrated graphics for display and monitoring applications Wide temperature operating range supports industrial and outdoor deployments

Typical Applications Industrial process control and automation systems Medical imaging and diagnostic equipment Test and measurement instrumentation Scientific research platforms requiring embedded processing Telecommunications network interface equipment

Compatibility & Integration The board interfaces with standard 3U CompactPCI backplanes and supports legacy operating systems including Windows Embedded, Windows NT, Windows XP, and Linux distributions current to its design era. Serial and parallel legacy I/O enables integration with peripheral devices and terminal equipment. The system-mode designation indicates primary control functionality rather than slave or peripheral operation.

CC782210L0MC Characteristics / Specifications

PARAMETER	VALUE
Model	CC782210L0MC
Model Family	CC782210
Instrument Type	3U CompactPCI SBC
Cpu Family	Intel Celeron class
Form Factor	3U CompactPCI
Bus Standard	PICMG 2.0 CompactPCI
Manufacturer	SBS Abaco Systems
Hot Swap	yes class
Memory	DRAM per configuration
Storage	Flash or DOM class
Ethernet	onboard
Serial	console ports class
Operating Temperature Class	industrial
Power	CPCI 3.3 V 5 V
Cooling	forced air
Humidity Class	non condensing
Watchdog	yes class
Firmware	PC BIOS class
Front Panel	IOconnectors and LEDs
Duty	continuous
Storage Temperature Class	industrial
System Controller	yes class
PMC	limited on 3U builds
Grounding	chassis ground
Interrupts	PCI interrupt

PARAMETER	VALUE
Storage temperature	Class: industrial
Operating temperature	Class: industrial
Humidity	Class: non condensing

CC782210L0MC Specifications

PARAMETER	VALUE
Abaco SBS CC782210 3U Celeron CompactPCI SBC	Overview
Applications	3U CompactPCI embedded computing for space-constrained telecom and industrial shelves.
Key Features	3U CompactPCI all-in-one SBC
Technical Specifications	Model: CC782210L0MC
Notes	Identity from Abaco / SBS CC782210L0MC listing. Exact CPU speed and DRAM size follow the L0MC configuration code.

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Storage temperature	Class: industrial
Operating temperature	Class: industrial
Operating Temperature	Class: industrial
Humidity	Class: non condensing
Operating Temperature Class	industrial
Power	CPCI 3.3 V 5 V
Cooling	forced air
Humidity Class	non condensing
Watchdog	yes class
Firmware	PC BIOS class
Front Panel	IOconnectors and LEDs
Duty	continuous
Storage Temperature Class	industrial
System Controller	yes class
PMC	limited on 3U builds
Grounding	chassis ground
Interrupts	PCI interrupt Notes Identity from Abaco / SBS CC782210L0MC listing. Exact CPU speed and DRAM size follow the L0MC configuration code.

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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Notes

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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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30-day returns
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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.