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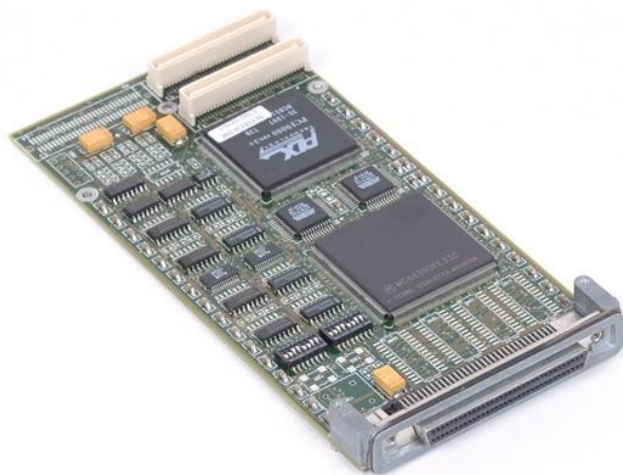
Data Sheet

August 15, 2026

ABACO SYSTEMS / SBS / SCITECH

Abaco Systems / SBS / SciTech Com360 PMC Module

Abaco SBS Com360 PMC Communications Module The SBS / SciTech / Abaco Com360 isaPMC communications module. Catalog title lists Com360 asaPMC module in the SBS/SciTech communications family used to add serial/WAN/LAN communications to a PMC-site SBC. It occupies one PMC site on VME/cPCI/VPX carriers. Embedded serial or network communications on a PMC mezzanine. Instrument Type: PMC communications module The SBS / SciTech / Abaco Com360 isaPMC communications module. Catalog title lists Com360 asaPMC module in the SBS/SciTech communications family used to add serial/WAN/LAN communications to a PMC-site SBC. It occupies one PMC site on VME/cPCI/VPX carriers. Embedded serial or network communications on a PMC mezzanine. Instrument Type: PMC communications module Manufacturer: SBS / SciTech / Abaco Systems



MODEL

**Abaco Systems /
SBS / SciTech
Com360**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

Com360

LISTING

<https://aumictechlabs.com/products/com360-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Abaco Systems Com360 is a PMC (PCI Mezzanine Card) module purpose-built for serial communications in embedded and industrial applications. It integrates the Motorola MC68360

Quad Integrated Communications Controller (QUICC) to deliver flexible multi-protocol serial connectivity with individually configurable ports and dual I/O mounting options.

Technical Specifications

Core Controller: Motorola MC68360

QUICC Serial Communications Ports: Up to four full-duplex SCC (Serial Communications Controller) ports plus two SMC (Serial Multi-protocol Controller) ports

Supported Standards: RS-232, RS-422, RS-485 (per-port configurable on SCC channels)

SMC Port Configuration: RS-232 (fixed)

Port Orientation: All ports operate as DTE (Data Terminal Equipment)

Form Factor: PMC standard

I/O Mounting: Front and rear I/O supported

ARINC Channels: 4

Asynchronous Communication: Yes

Synchronous Communication: 1 channel

Key Features

Individual port configuration allows mixed serial standards on a single module

Four full-duplex SCC ports support RS-232, RS-422, and RS-485 simultaneously

Two dedicated SMC ports for RS-232 asynchronous communication

Dual I/O interface options accommodate both front-panel and rear-panel mounting

Integrated QUICC architecture reduces component count and power consumption

Typical Applications

The Com360 is suited for avionics systems, military communication platforms, industrial control interfaces, and legacy embedded systems requiring flexible serial connectivity with support for multiple electrical standards.

Compatibility & Integration

Software Support: VxWorks drivers included

Form Factor: Standard PMC mechanical and electrical compatibility

Product Status: Entered Restricted Production Phase (RPP) as of September 29, 2006. Legacy documentation and software available. Contact Abaco Systems for migration guidance.

COM360 Characteristics / Specifications

PARAMETER	VALUE
Model	Com360
Instrument Type	PMC communications module
Mezzanine	PMC
Family	SBS / SciTech Com communications
Host	PMC-site SBC or carrier
Form Factor	PMC
Manufacturer	SBS / SciTech / Abaco Systems
Use Case	embedded communications I/O
Control	host driver
Operating Temperature Class	commercial PMC
Literature	Abaco SBS Com360 PMC listings
Bus	PCI mezzanine
Documentation Type	OEM PMC catalog
Brand Lineage	SciTech SBS Abaco
System Role	communications PMC
Ports	serial/WAN/LAN class per Com360 sheet
Power	from PMC connector
Revision	Com360
Interrupts	PMC INTA class
Addressing	PCI configuration space
Calibration Source	OEM published specifications
Export Class	commercial test equipment
Operating temperature	Class: commercial PMC

COM360 Specifications

PARAMETER	VALUE
Abaco SBS Com360 PMC Communications Module	Overview
PMC communications mezzanine	SBS SciTech Com360
Technical Specifications	Model: Com360

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Operating temperature	Class: commercial PMC
Operating Temperature	Class: commercial PMC
Operating Temperature Class	commercial PMC
Literature	Abaco SBS Com360 PMC listings
Bus	PCI mezzanine
Documentation Type	OEM PMC catalog
Brand Lineage	SciTech SBS Abaco
System Role	communications PMC
Ports	serial/WAN/LAN class per Com360 sheet
Power	from PMC connector
Revision	Com360
Interrupts	PMC INTA class
Addressing	PCI configuration space
Calibration Source	OEM published specifications
Export Class	commercial test equipment Notes From Abaco / SBS / SciTech Com360 PMC communications-module catalog identity. Protocol, port count, and line rate are on the Com360 data sheet.

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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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.