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Data Sheet

August 15, 2026

EKF

EKF CC6-1 3U CompactPCI Super-I/O Board

The EKF CC6-1-ACID is a 3U Super-I/O Expansion Board designed to enhance the input/output capabilities of computer systems. This board provides additional serial, parallel, and other I/O ports, making it suitable for industrial automation, data acquisition, and embedded applications. Its solid design ensures reliable performance in demanding environments.



MODEL

EKF CC6-1-ACID

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

CC6-1-ACID

LISTING

<https://aumictechlabs.com/products/cc6-1-acid-3/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The EKF CC6-1-ACID is a 3U Super-I/O Expansion Board designed to enhance the input/output capabilities of computer systems. This board utilizes the LPC interface to communicate with the host CPU, emulating legacy I/O interfaces such as serial, parallel, and PS/2 ports. It also features a floppy disk controller and, optionally, MIDI and joystick attachments, as well as fan control lines. The board can provide access to the host's ATA/IDE interface. The CC6-1-ACID works with use within CompactPCI systems, with compatible host CPU boards including the CC2-TANGO, CC5-RAVE, CC7-JAZZ, and CC8-BLUES. The connectors for COM1, COM2, LPT, PS/2 keyboard, and mouse are accessible from the front panel. An optional 2.5-inch hard disk drive can be integrated for rugged environments. The EKF CC6-3-ACID variant features a narrower 4HP front panel and shares the Mini-Din connector for mouse and keyboard via an external splitter cable. Technical Specifications * Host Interface: LPC (Low Pin Count) interface, emulating ISA bus. I/O Emulation: *

Serial Ports (COM1, COM2) * Parallel Port (LPT) * PS/2 Keyboard and Mouse Connectors * Floppy Disk Controller (1.4/2.8MB) Optional Features: * MIDI Attachment * Joystick Attachment * Fan Control Lines (Tachometer output or PWM input) * 2.5-inch Hard Disk Drive bay IDE/ATA Interface: * 40-Pin Header * 44-Pin Header Connectors: * LPC Interface Connector * IDE/ATA 40-Pin Header * IDE/ATA 44-Pin Header * Floppy Disk Header (34-Pin) Front Panel Access (CC6-1-ACID): COM1, COM2, LPT, PS/2 Keyboard, PS/2 Mouse (8HP width). Front Panel Access (CC6-3-ACID): LPT connector removed, PS/2 Keyboard and Mouse share a Mini-Din connector via a splitter cable (4HP width). Compatibility * Host CPU Boards (Examples): CC2-TANGO, CC5-RAVE, CC7-JAZZ, CC8-BLUES. Physical * Form Factor: 3U Eurocard (Single Size CompactPCI Style). Mounting: Can be mounted on the left (bottom) or right (top) side of the CPU board, with easy user modification for orientation. Interfaces * Serial: RS-232 (emulated) Parallel: IEEE 1284 (emulated) Keyboard: PS/2 (emulated) Mouse: PS/2 (emulated) Storage: * Floppy Disk Interface * IDE/ATA Interface Why Choose Aumictech for EKF CC6-1-ACID 3U, Super-I/O Expansion Board? At Aumictech, we specialize in supplying high-end industrial computing expansion boards. Whether you need to enhance legacy system I/O, integrate additional serial and parallel communication, or ensure solid data acquisition capabilities, our team ensures the EKF CC6-1-ACID 3U, Super-I/O Expansion Board delivers maximum performance for your application.

CC61ACID Characteristics / Specifications

PARAMETER	VALUE
Model	CC6-1-ACID
Also Known As	CC6-1
Instrument Type	3U CompactPCI Super-I/O board
Family	EKF CC6
Form Factor	3U CompactPCI
Function	Super-I/O legacy peripherals
Manufacturer	EKF Elektronik
Literature	EKF CC6-1 3U CompactPCI Super-I/O literature
System Role	cPCI serial/parallel/legacy I/O
Picmg	PICMG 2.0 CompactPCI peripheral
Serial Class	UART RS-232/422 count on the CC6 sheet
Parallel Class	LPT on the CC6 sheet
Keyboard Mouse Class	PS/2 class on the CC6 sheet
Power Class	cPCI 3.3/5 V (data sheet)
Operating Temperature Class	cPCI commercial/industrial on the sheet
Brand Lineage	EKF Elektronik
Documentation Type	CC6-1-ACID listing
Ate Class	cPCI Super-I/O
Host Class	3U CompactPCI CPU
Year Class	CC6-1-ACID
Use Case	extra COM/LPT in cPCI chassis
Module Class	3U cPCI peripheral
Connector Class	front D-sub/RJ plus J1/J2
Acpi Class	legacy I/O decode
Watchdog Class	if equipped on CC6 sheet

PARAMETER	VALUE
Operating temperature	Class: cPCI commercial/industrial on the sheet

CC61ACID Specifications

PARAMETER	VALUE
Applications	3U CompactPCI Super-I/O expansion for serial/parallel/legacy PC peripherals.
Key Features	3U CompactPCI Super-I/O
Legacy serial/parallel for cPCI CPUs	PICMG 2.0 peripheral slot
Technical Specifications	Model: CC6-1-ACID

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Operating temperature	Class: cPCI commercial/industrial on the sheet
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Documentation Type	CC6-1-ACID listing
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Acpi Class	legacy I/O decode
Watchdog Class	if equipped on CC6 sheet Notes From EKF CC6-1 3U CompactPCI Super-I/O literature. UART count, baud, and milliamps are on the CC6-1 data sheet; do not invent them. ACID isaconfiguration overlay.

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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NIST-traceable calibration · SAM registered ·
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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.