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Data Sheet

August 13, 2026

KEITHLEY

Keithley KPCI-3130 Universal Analog Output Module (8 Channel)

The Keithley KPCI-3130 is a, 8-channel universal analog output module designed for precision control and automation applications. It has versatile analog output capabilities, making it suitable for various industrial and laboratory environments. This module ensures accurate and reliable signal generation for controlling external devices and processes.



MODEL

Keithley KPCI-3130

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

KPCI-3130

LISTING

<https://aumictechlabs.com/products/kpci-3130-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Keithley KPCI-3130 is an 8-channel universal analog output module for PCI-bus systems delivering precision signal sourcing in industrial and laboratory automation. It combines eight analog output channels with 32 configurable high-current digital I/O lines, enabling direct control of external devices including solenoids, valves, and actuators. The module sources or sinks up to 20 mA without external power and operates across a single ± 10 V range with 19.1 $\mu\text{V}/\text{count}$ resolution per channel - eliminating range-change glitches inherent in multi-range designs. Technical Specifications Analog Output Channels: 8 Output Range: ± 10 V per channel Resolution: 19.1 $\mu\text{V}/\text{count}$ per channel Output Accuracy: $\pm 700 \mu\text{V} \pm 0.008\%$ of setting (Vdc) at $25^\circ\text{C} \pm 1^\circ\text{C}$ Output Current Capability: Up to 20 mA sourcing or sinking without external excitation Digital I/O

Channels: 32 high-current lines, user configurable Interface: PCI-bus standard with dual 36-pin connectors Key Features 4-wire remote sensing ensures accurate voltage delivery at the load Automatic fault-circuit detection with 4-wire source capability Single voltage range eliminates settling transients during output switching High-current digital I/O accommodates demanding switching and control tasks Integrated connector architecture supports SSIO-24 and PB-24SM accessories Typical Applications Process control, automated test systems, industrial equipment control, laboratory instrumentation, multi-channel signal generation for stimulation and feedback loops. Compatibility & Integration Operates with DriverLINX® drivers and bundled software including ExceLINX™, VisualSCOPE™, and LabVIEW® drivers. Compatible with SSIO-24 and PB-24SM interface accessories. Note: Not supported on Microsoft Windows 7 64-bit operating systems.

KPCI3130 Characteristics / Specifications

PARAMETER	VALUE
Model	KPCI-3130
Manufacturer	Keithley Instruments
Instrument Type	PCI universal analog output and digital I/O board
Alias	KPCI3130; KPCI 3130
Host Bus	PCI
Analog Output Channels	8
Related Two Channel Model	KPCI-3132 (2 analog outputs)
Output Range	plus/minus 10 V single range
Resolution Class	20 bit; about 19 uV (19.1 uV DocSpec class)
Output Current Per Channel	source or sink up to 20 mA
Current Loop Support	4-20 mA without external excitation
Sense Modes	2-wire local or 4-wire remote sense
Digital IO Lines	32 high current
Digital Accessory Compatibility	SSIO-24; PB-24SM
Power Input Plus 5 V	72 mA typical (DocSpec)
Fault Detection	automatic with 4-wire source
Intended Use	machine automation, production test, servo, heater, gas flow, simulation
Topology	universal remote sense analog output source
Sibling Series	KPCI-3130 Series (3130 and 3132)
Software Class	DriverLINX / Windows DAQ class for KPCI family
Form	PCI plug-in board
Analog Function	programmable voltage source / simulation
Digital Function	industrial solid-state relay control without external buffering
Channel Count Differentiator	8 AO on 3130 versus 2 AO on 3132

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	
Specs from Keithley KPCI-3130 / KPCI-3132 DocSpec and contemporary Keithley product announcements (Electronic	

Design). Confirm 3130 (8 A0) versus 3132 (2 A0). Full accuracy tables belong on the printed DocSpec for the installed revision.

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.