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Data Sheet

August 15, 2026

AGILENT/VARIAN

Agilent / Varian 02-101655-00 PCI Card

The Agilent/Varian 02-101655-00 is a PCI card designed for use in a variety of electronic systems. This card is typically used for data acquisition, instrument control, and other high-speed applications. It ensures reliable performance and seamless integration within compatible systems.



MODEL

Agilent/Varian 02-101655-00

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

02-101655-00

LISTING

<https://aumictechlabs.com/products/02-101655-00-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Agilent/Varian 02-101655-00 is a PCI interface card that enables direct integration between the Cary 50 UV-Vis Spectrophotometer and IBM-compatible host computers. This card provides high-speed data acquisition and real-time instrument control, connecting via a standard ISA slot and drawing power through a dedicated hard disk connector. Operation requires Windows-compatible systems with Cary WinUV software and associated drivers. Technical Specifications Interface: PCI card with ISA slot connectivity Power Requirements: +5 V DC <1 A, +12 V DC <1.5 A (up to +3.5 A with motor-driven accessories), -12 V DC <0.25 A Maximum Instrument Power Draw: 26 W from host PC supply Recommended Host PC Power Supply: Minimum 220 W Host Operating System: Microsoft Windows (Internet Explorer 6 or higher compatible) Display Requirements: 16 million color palette, minimum 800 × 600 pixel resolution Power Connection: Standard PC internal hard disk power supply connector with Y adapter Bandwidth (Cary 50): Fixed

1.5 nmKey Features Direct ISA slot installation for legacy Windows PC platforms Integrated power delivery via Y connector from existing PC power supply Dedicated cable connection to Cary 50 spectrophotometer Host PC certification to IEC 60950 or equivalent requiredOperating Environment Altitude Below 853 m: 10–35 °C, 8–80% relative humidity, non-condensing Altitude 853–2133 m: 10–25 °C, 8–80% relative humidity, non-condensing Storage: 5–45 °C, 20–80% relative humidity, non-condensing, altitude <2133 m Recommended Operating Conditions: 20–25 °C ambient laboratory temperature, constant within ± 2 °C for optimal spectrophotometer performance Installation Category: II, Pollution Degree 2 (EN 61010-1), indoor use onlyCompatibility & Integration This interface card is purpose-designed for Agilent/Varian Cary 50 UV-Vis Spectrophotometer systems. Installation requires IBM-compatible PCs with available ISA slots, Windows operating system support, and pre-installed Cary WinUV software with appropriate drivers. The associated Cary 50 instrument measures 500 mm (W) × 590 mm (D) × 205 mm (H) and weighs 21 kg.

02101655 Characteristics / Specifications

PARAMETER	VALUE
Model	02-101655-00
Instrument Type	PCI card
Manufacturer	Agilent / Varian
Literature	Agilent / Varian 02-101655-00 PCI card remaining-queue listing
Family	Varian/Agilent PCI I/O
Form Factor	PCI plug-in card
System Role	PCI card
Brand Lineage	Varian / Agilent
Queue Title	Agilent / Varian 02-101655-00 PCI Card
Documentation Type	OEM 02-101655-00 listing
Use Case	PCI I/O in Agilent/Varian analytical or vacuum hosts that specify 02-101655-00
Vendor Path	Agilent / Varian
Year Class	02-101655-00 generation
Application Class	PCI card
Module Class	PCI card
Host Class	instrument host per drawing
Connector Class	connectors on the 02-101655-00 drawing
Ate Class	analytical / vacuum instrument I/O
Control Class	02-101655-00 front panel / firmware
Environment Class	ambient on the 02-101655-00 sheet
Mains Class	mains on the 02-101655-00 nameplate
Voltage Class	volts on the 02-101655-00 nameplate
Current Class	amperes on the 02-101655-00 nameplate
Bus Class	PCI

02101655 Specifications

PARAMETER	VALUE
Applications	PCI I/O in Agilent/Varian analytical or vacuum hosts that specify 02-101655-00.
Key Features	Agilent / Varian 02-101655-00 PCI card
Technical Specifications	Model: 02-101655-00
Notes	From remaining-queue title Agilent / Varian 02-101655-00 PCI Card. Bus width, I/O map, and connector are on the 02-101655-00 drawing.

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	
From remaining-queue title Agilent / Varian 02-101655-00 PCI Card. Bus width, I/O map, and connector are on	

the 02-101655-00 drawing.

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.