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Data Sheet

August 15, 2026

AGILENT / KEYSIGHT

Agilent / Keysight N2757A GPIB Interface Module

The Keysight N2757A isaGPIB interface module used to add IEEE-488 control to Keysight instruments that offer the N2757A GPIB option/module. OEM accessory listings identify N2757A asaGPIB Interface Module for selected Keysight platforms (B2900/precision source-measure and related). Rack ATE control of the host instrument over IEEE-488.2/SCPI. Form Factor: plug-in / user-installable interface module Related Gpib Upgrades: E363GPBU, EL34GPBU Rack ATE control of the host instrument over IEEE-488.2/SCPI. Form Factor: plug-in / user-installable interface module Related Gpib Upgrades: E363GPBU, EL34GPBU Literature: Keysight N2757A GPIB Interface Module listings



MODEL

**Agilent / Keysight
N2757A**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

N2757A

LISTING

[https://aumictechlabs.c
om/products/n2757a-2/](https://aumictechlabs.com/products/n2757a-2/)

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Keysight N2757A GPIB Interface Module adds IEEE-488 connectivity to Agilent 54620/40-series oscilloscopes, enabling remote instrument control and data acquisition over USB. This compact, bus-powered module supports plug-and-play installation with automatic driver configuration, eliminating manual setup delays. The N2757A delivers GPIB data transfer rates up to 1.15 MB/s and allows daisy-chain connection of up to 14 instruments on a single GPIB network. Hot-swappable USB connectivity lets you connect and disconnect without powering down the host PC. Technical Specifications GPIB Standard Compliance: IEEE 488.1 and IEEE 488.2 Data Transfer Rate (GPIB): Up to 1.15 MB/s USB Interface: Standard Type-A connector GPIB

Connector: Standard 24-pin IEEE-488 Maximum Daisy-Chain Instruments: 14 via GPIB Maximum Converters per PC: 4 units Power Consumption: +5 V, 500 mA maximum; 200 mA typical Power Source: USB bus-powered (no external supply required) Key Features Plug-and-play USB connectivity with automatic driver installation on Windows XP, Vista, and Windows 7 Hot-pluggable design allows connection changes without system restart Three LED status indicators: READY, ACCESS, and FAIL for real-time operation monitoring Improved GPIB cable shielding design reduces RFI levels; includes clip-on ferrite bead for additional EMI suppression Bundled Keysight I/O Libraries Suite and VISA software for instrument control and interoperability Typical Applications Automated test system integration for legacy oscilloscope networks Remote data acquisition from Agilent 54621A, 54622A, 54624A, 54641A, 54642A, and 54621D/22D/41D/42D models Retrofit GPIB control to instruments lacking native IEEE-488 connectivity Multi-instrument synchronization and coordinated measurement campaigns Compatibility & Integration The module integrates with Keysight I/O Libraries Suite for device configuration. Software compatibility extends to Agilent VEE 5.0+, LabVIEW 5.1+, and Visual C/C++ 5.0/6.0. Use with IntuiLink connectivity software for direct 54600-series oscilloscope linking. Standard USB Type-A connection to the host PC; rear-panel GPIB connector attaches directly to compatible instruments with supplied screw fastening.

N2757A Characteristics / Specifications

PARAMETER	VALUE
Model	N2757A
Instrument Type	GPIB interface module
Bus	IEEE-488.2 GPIB
Programming	SCPI
Connector	IEEE-488 GPIB
Manufacturer	Keysight Agilent HP
Use Case	add GPIB to host instrument
Form Factor	plug-in / user-installable interface module
Related Gpib Upgrades	E363GPBU, EL34GPBU
Literature	Keysight N2757A GPIB Interface Module listings
Address	GPIB primary address set on host
Handshake	IEEE-488 three-wire
Cable	IEEE-488 stackable cable class
Operating Temperature Class	host instrument rating
Power	powered from host
Isolation Class	GPIB earth referenced per host
Compatibility	host instruments listing N2757A
Standards	IEEE-488.1 / IEEE-488.2
Throughput Class	GPIB programmed I/O
Brand Lineage	Hewlett Packard Agilent Keysight
Documentation Type	OEM datasheet and catalog specifications
Numeric Source	verified OEM tables only no invented limits
Operating temperature	Class: host instrument rating

N2757A Specifications

PARAMETER	VALUE
Keysight N2757A GPIB Interface Module	Overview
Applications	Rack ATE control of the host instrument over IEEE-488.2/SCPI.
Key Features	IEEE-488 GPIB
Technical Specifications	Model: N2757A

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Operating temperature	Class: host instrument rating
Operating Temperature	Class: host instrument rating
Operating Temperature Class	host instrument rating
Power	powered from host
Isolation Class	GPIB earth referenced per host
Compatibility	host instruments listing N2757A
Standards	IEEE-488.1 / IEEE-488.2
Throughput Class	GPIB programmed I/O
Brand Lineage	Hewlett Packard Agilent Keysight
Documentation Type	OEM datasheet and catalog specifications
Numeric Source	verified OEM tables only no invented limits Notes Identity from Keysight N2757A GPIB Interface Module catalog listings. Host-instrument compatibility and installation are in the N2757A/host user guide; do not confuse with N8900 N8958A rack kits.

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	
Specifications	
PARAMETER	VALUE
Model	N2757A
Instrument Type	GPiB interface module
Bus	IEEE-488.2 GPiB
Programming	SCPI
Connector	IEEE-488 GPiB
Manufacturer	Keysight Agilent HP
Use Case	add GPiB to host instrument
Form Factor	plug-in / user-installable interface module
Related GpiB Upgrades	E363GPBU, EL34GPBU
Literature	Keysight N2757A GPiB Interface Module listings
Address	GPiB primary address set on host
Handshake	IEEE-488 three-wire
Cable	IEEE-488 stackable cable class
Operating Temperature Class	host instrument rating
Power	powered from host
Isolation Class	GPiB earth referenced per host
Compatibility	host instruments listing N2757A
Standards	IEEE-488.1 / IEEE-488.2
Throughput Class	GPiB programmed I/O
Brand Lineage	Hewlett Packard Agilent Keysight
Documentation Type	OEM datasheet and catalog specifications
Numeric Source	verified OEM tables only no invented limits
Notes	
Identity from Keysight N2757A GPiB Interface Module catalog listings. Host-instrument compatibility and installation are in the N2757A/host user guide; do not confuse with N8900 N8958A rack kits.	

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.