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Data Sheet

August 7, 2026

KEYSIGHT

Keysight (Agilent) 1672G Standalone Logic Analyzer

Keysight (Agilent) 1672G Standalone Logic Analyzer The Keysight/Agilent 1672G is a standalone color logic analyzer in the 1670G Series. It provides 68 channels (64 data + 4 clock/data), 150 MHz state analysis, and 250/500 MHz full/half-channel conventional timing with deep memory options. Optional 2-channel 500 MHz / 2 GSa/s scope (Opt 003) or 32-channel pattern generator (Opt 004). Benchtop digital debug; processor/bus inverse assembly; mixed state/timing troubleshooting; optional analog correlation with scope option. The Keysight/Agilent 1672G is a standalone color logic analyzer in the 1670G Series. It provides 68 channels (64 data + 4 clock/data), 150 MHz state analysis, and 250/500 MHz full/half-channel conventional timing with deep memory options. Optional 2-channel 500 MHz / 2 GSa/s scope (Opt 003) or 32-channel pattern generator (Opt 004). Benchtop digital debug; processor/bus inverse assembly; mixed state/timing troubleshooting; optional analog correlation with scope option.

No photo

MODEL

Keysight 1672G

CALIBRATION

**N/A — off-catalog
OEM datasheet**

CONDITION

**See OEM
documentation**

STATUS

**Not listed on
Aumictech
inventory**

RFQ / SKU

1672G

LISTING

**Off-catalog — OEM dat
asheet only**

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

Features & description

From manufacturer datasheet

Features

- Channel count: 68 (64 data + 4 clock/data); half-channel timing uses 34 channels
- State analysis: 150 MHz max state clock
- Timing: 250 MHz full channel / 500 MHz half channel
- Memory depth: 64K / 128K (full/half) standard; Opt 001 256K/512K; Opt 002 2M/4M class
- Threshold accuracy: $\pm(100 \text{ mV} + 3\% \text{ of threshold setting})$
- Setup/hold (single clock, single edge): 3.0/0.0 ns through $-0.5/3.5 \text{ ns}$, adjustable in 500 ps increments (typical family specs)
- Trigger sequencing: 12 levels state / 10 levels timing; time and state tagging
- Display: VGA color; 3.5-inch floppy; ~2 GB hard disk
- Interfaces: GPIB, RS-232-C, parallel printer, LAN (ThinLAN & Ethertwist)
- Options: Opt 003 2-ch 500 MHz, 2 GSa/s, 32K scope; Opt 004 32-ch pattern generator (100/200 MHz, 256K vectors class)
- Programmability: full remote control; DIN mouse/keyboard support

1672G Characteristics / Specifications

PARAMETER	VALUE
Model	1672G
Manufacturer	Keysight Technologies (Agilent / HP)
Instrument Type	Standalone Logic Analyzer
Family	1670G Series
Alias	1672G; Agilent 1672G; HP 1672G Digital Capture 68 ch; 150 MHz state; 250/500 MHz timing; 64K–2M memory options Operational Notes Prefer Agilent 1670G Series product overview 5968-6421EN and user's/service guides. Verify installed memory and Opt 003/004 on the rear/option labels.
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State analysis	150 MHz max state clock
Timing	250 MHz full channel / 500 MHz half channel
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1672G Specifications

PARAMETER	VALUE
Keysight (Agilent) 1672G Standalone Logic Analyzer	Overview
Applications	Benchtop digital debug; processor/bus inverse assembly; mixed state/timing troubleshooting; optional analog correlation with scope option.
Key Features	- Channel count: 68 (64 data + 4 clock/data); half-channel timing uses 34 channels
Technical Specifications	Model: 1672G
Digital Capture	68 ch; 150 MHz state; 250/500 MHz timing; 64K–2M memory options

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

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Instrument Type	Standalone Logic Analyzer
Family	1670G Series
Alias	1672G; Agilent 1672G; HP 1672G

Digital Capture

68 ch; 150 MHz state; 250/500 MHz timing; 64K-2M memory options

Operational Notes

Prefer Agilent 1670G Series product overview 5968-6421EN and user’s/service guides. Verify installed memory and Opt 003/004 on the rear/option labels.

Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: N/A — off-catalog OEM datasheet. See OEM documentation · Not listed on Aumictech inventory.

Request a quote: sales@aumictech.com · +1 (484) 841-9341

Aumictech

788 S 500 E, Pleasant Grove, UT 84062
sales@aumictech.com · +1 (484) 841-9341
<https://aumictechlabs.com>

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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.