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Data Sheet

August 15, 2026

AGILENT / KEYSIGHT

Agilent/Keysight J2303A

HP Agilent J2303A T1 V Series Ethernet Internet Advisor The Agilent J2303A isaT1 / V-series and Ethernet Internet Advisor configuration in the J2300 family. OEM J2303A listings include RS-232/V.24, V.35, RS-449, and T1 with RJ-48 and mini-bantam connectors plus Ethernet interfaces. J2300-series Advisors provide WAN protocol analysis and BERT with built-in V.10/V.11, V.24/RS-232, V.35, and V.36/RS-449 interfaces in the mainframe, extensible with undercradles. T1 and serial WAN protocol analysis with Ethernet inaportable Internet Advisor. The Agilent J2303A isaT1 / V-series and Ethernet Internet Advisor configuration in the J2300 family. OEM J2303A listings include RS-232/V.24, V.35, RS-449, and T1 with RJ-48 and mini-bantam connectors plus Ethernet interfaces. J2300-series Advisors provide WAN protocol analysis and BERT with built-in V.10/V.11, V.24/RS-232, V.35, and V.36/RS-449 interfaces in the mainframe, extensible with undercradles. T1 and serial WAN protocol analysis with Ethernet inaportable Internet Advisor. Instrument Type: T1 / V-series / Ethernet Internet Advisor



MODEL

**Agilent / Keysight
J2303A**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

J2303A

LISTING

<https://aumictechlabs.com/products/j2303a-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Agilent/Keysight J2303A is a network analyzer component within the Keysight modular test platform ecosystem. This instrument works with RF and microwave network characterization, perform S-parameter measurements and frequency-dependent circuit analysis. The J2303A integrates with compatible Keysight hardware and software platforms to deliver accurate

impedance, gain, loss, and reflection measurements across its operating bandwidth. As part of the J6800A family architecture, the J2303A leverages modular design principles, allowing flexible configuration for bench-top and automated test environments. The instrument supports standard network analyzer workflows including calibration routines, marker functions, and data export for advanced signal analysis.

Technical Specifications The J2303A operates as a dedicated network analyzer module compatible with Keysight's modular measurement platforms. Specific frequency range, impedance characteristics, and dynamic range specifications are available from the detailed product datasheet.

Key Features Network analyzer functionality for RF/microwave circuit characterization Integration with Keysight J6800A family platforms Modular architecture supporting benchtop and automated configurations S-parameter measurement capability Standard calibration and marker functionality

Typical Applications Component and circuit characterization Filter and amplifier validation Transmission line and matching network analysis Impedance measurement and verification

Compatibility & Integration The J2303A works with use within Keysight's modular test platforms, particularly the J6800A family. System configuration and module compatibility should be verified with platform documentation.

J2303A Characteristics / Specifications

PARAMETER	VALUE
Model	J2303A
Instrument Type	T1 / V-series / Ethernet Internet Advisor
Family	Agilent J2300 Internet Advisor
T1 Connectors	RJ-48 and mini-bantam
Serial Interfaces	RS-232/V.24, V.35, RS-449
Network Class	T1 and Ethernet
Related Wan	J2301B Advisor WAN undercradle / analyzer
Related Lan	J6801A Distributed Network Analyzer hardware
Related Mainframe	J2300C/D/E Advisor WAN
Form Factor	portable Internet Advisor
Manufacturer	HP Agilent Keysight
Use Case	T1 and WAN protocol analysis
Capture	WAN/T1 frame capture class
Control	Advisor software
Operating Temperature Class	portable Advisor class
Literature	Agilent J2303A T1 Internet Advisor listings
Decode Class	Frame Relay, HDLC, ISDN, ATM class on Advisor WAN
Bert Class	Advisor WAN BERT
Documentation Type	OEM Advisor catalog
Brand Lineage	HP Agilent Keysight Network Advisor
System Role	T1/V/Ethernet Advisor configuration
Related T1 Module	J2298B T1 simulator interface card
Operating temperature	Class: portable Advisor class

J2303A Specifications

PARAMETER	VALUE
HP Agilent J2303A T1 V Series Ethernet Internet Advisor	Overview
Applications	T1 and serial WAN protocol analysis with Ethernet in a portable Internet Advisor.
Key Features	T1 with RJ-48 and mini-bantam
Ethernet interfaces	J2300 Internet Advisor family
Technical Specifications	Model: J2303A

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Operating temperature	Class: portable Advisor class
Operating Temperature	Class: portable Advisor class
Operating Temperature Class	portable Advisor class
Literature	Agilent J2303A T1 Internet Advisor listings
Decode Class	Frame Relay, HDLC, ISDN, ATM class on Advisor WAN
Bert Class	Advisor WAN BERT
Documentation Type	OEM Advisor catalog
Brand Lineage	HP Agilent Keysight Network Advisor
System Role	T1/V/Ethernet Advisor configuration
Related T1 Module	J2298B T1 simulator interface card Notes From Agilent J2303A T1 Internet Advisor listings (RS-232/V.24, V.35, RS-449, T1 RJ-48 and mini-bantam, Ethernet). Capture buffer, line rate, and decode software revision are on the J2300/J2303A Advisor data sheet.

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	J2303A
Instrument Type	T1 / V-series / Ethernet Internet Advisor
Family	Agilent J2300 Internet Advisor
T1 Connectors	RJ-48 and mini-bantam
Serial Interfaces	RS-232/V.24, V.35, RS-449
Network Class	T1 and Ethernet
Related Wan	J2301B Advisor WAN undercradle / analyzer
Related Lan	J6801A Distributed Network Analyzer hardware
Related Mainframe	J2300C/D/E Advisor WAN
Form Factor	portable Internet Advisor
Manufacturer	HP Agilent Keysight
Use Case	T1 and WAN protocol analysis
Capture	WAN/T1 frame capture class
Control	Advisor software
Operating Temperature Class	portable Advisor class
Literature	Agilent J2303A T1 Internet Advisor listings
Decode Class	Frame Relay, HDLC, ISDN, ATM class on Advisor WAN
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From Agilent J2303A T1 Internet Advisor listings (RS-232/V.24, V.35, RS-449, T1 RJ-48 and mini-bantam, Ethernet). Capture buffer, line rate, and decode software revision are on the J2300/J2303A Advisor data sheet.	

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 ·
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.