

ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

All trademarks, brand names, and brands appearing herein are the property of their respective owners.

Find the *Keysight / Agilent 16500B* at our website: ***Click HERE***

Discontinued Product—Support Information Only

This literature was published years prior to the establishment of Agilent Technologies as a company independent from Hewlett-Packard and describes products or services now available through Agilent. It may also refer to products/services no longer supported by Agilent. We regret any inconvenience caused by obsolete information. For the latest information on Agilent's test and measurement products go to:

www.agilent.com/find/products

Or in the US, call Agilent Technologies at 1-800-452-4844 (8am–8pm EST)

Agilent Technologies

HP 16500H and 16500L Interface Modules

Product Overview

Bring logic analysis to your computer with the Hewlett-Packard 16500H and 16500L interface modules. They connect the HP 16500B Logic Analysis System to Ethernet local area networks (LANs) to support both hardware and software development. The HP 16500H,L modules also interface the 16500B mainframe to the HP 16501A expansion frame and the HP 16505A prototype analyzer.



A Critical Link to Your Software Development Platform

Use the HP 16500H,L interface modules with an HP 16500B system and the HP B3740A software analyzer, combining the versatility of a logic analyzer with a modern, windowed interface tailored to the needs of software developers. The software analyzer gives you a correlated view of real-time code in both microprocessor mnemonics and high-level source code with extensive symbolic support.

Remote Viewing and Control

Now, you can view your HP 16500B display from a networked computer via Ethernet LAN using X Window System software. With an HP 16500H,L LAN interface module installed, this logic analyzer responds to mouse and keyboard inputs from your workstation, PC, or any other computer supporting TCP/IP networking and X11R5.

Features	HP 16517A and 16550-Series Modules	HP 16520A and 16532A	Other HP 16500B Modules
X Window Interface	Yes	Yes	No
HP B3740A Software Analyzer	16550-Series Modules Only	No	No
ASCII Data Files	Yes	No	No
Screen Image Files	Color and Black and White	Color and Black and White	Color and Black and White
Programming Via LAN	Yes	Yes	Yes

Table 1. Ethernet LAN features available in HP 16500B measurement modules.

Easier Documentation and Archiving

Use File Transfer Protocol (FTP) commands or the Network File System (NFS) to move screen image files, ASCII data files, and binary data/configuration files across your network. Then, add these files into your documentation or archive them for later use. See table 1 for information about instrument module support.

Artisan Scientific - Quality Instrumentation ... Guaranteed | (888) 88-SOURCE | www.artisan-scientific.com

Programming Control Over the LAN

The same programming commands that control an HP 16500B via HP-IB and RS-232 work with the LAN interface.

Which Interface Module is Right for You?

The HP 16500H has a 10Base-T (twisted pair) LAN interface and a high-speed parallel interface designed specifically to work with the HP 16505A prototype analyzer. Choose the HP 16500H interface module if you plan to use an HP 16505A with your 16500B mainframe in the future, or if you will be connecting to your LAN with 10Base-T twisted pair media.

The HP 16500L has a 15-pin AUI connector and can work with either 10Base2 (coaxial cable) or 10Base-T media attachment units to make a connection to your Ethernet LAN. The HP 16500L cannot interface to an HP 16505A prototype analyzer. See table 2.

Using an HP 16501A Expansion Frame

Either an HP 16500H or a 16500L interface module will connect an HP 16500B mainframe to an HP 16501A expansion frame. One of these modules must be used to connect an HP 16500B to an HP 16501A. A special connector for the expansion frame interface cable is located on each of the interface modules. Operation with an HP 16501A is independent of LAN usage.

Installation Information

An HP 16500H or 16500L interface module that is ordered with an HP 16500B mainframe will come installed in the mainframe. Modules and mainframes that are ordered separately will require installation. Instructions and required tools are provided with the interface module.

Model	Ethernet Physical Interface	HP 16501A Interface	HP 16505A Interface
HP 16500H	10Base-T (twisted pair)	Yes	Yes
HP 16500L	15-pin AUI (requires a MAU)	Yes	No

Table 2. Features of the HP 16500H and 16500L interface modules for the HP 16500B mainframe.

Ordering Information

HP Model	Description
16500H	Interface module for the HP 16500B to a 16505A
16500L	Interface module for the HP 16500B
28641B*	Media attachment unit (MAU) for 10Base2 (coaxial cable) network connection
28685B*	Media attachment unit (MAU) for 10Base-T (twisted pair) network connection

* The HP 16500L requires a media attachment unit. An equivalent model from another vendor can be substituted.

For more information, call your local HP sales office listed in your telephone directory, or an HP regional office listed below:

United States:
Hewlett-Packard Company
Test and Measurement Organization
5301 Stevens Creek Blvd.
Bldg. 51L-SC
Santa Clara, CA 95052-8059
1 800 452 4844

Canada:
Hewlett-Packard Canada Ltd.
5150 Spectrum Way
Mississauga, Ontario L4W 5G1
(905) 206-4725

Europe:
Hewlett-Packard
European Marketing Centre
P.O. Box 999
1180 AZ Amstelveen
The Netherlands
31 20 547 9858

Japan:
Yokogawa-Hewlett-Packard Ltd.
Measurement Assistance Center
9-1, Takakura-Cho, Hachioji-Shi,
Tokyo 192, Japan
(81) 426 48 3860

Latin America:
Hewlett-Packard
Latin American Region Headquarters
5200 Blue Lagoon Drive, 9th Floor
Miami, Florida 33126, U.S.A.
(305) 267 4245/4220

Australia/New Zealand:
Hewlett-Packard Australia Ltd.
31-41 Joseph Street
Blackburn, Victoria 3130
Australia
131 347 ext. 2902

Asia Pacific:
Hewlett-Packard Asia Pacific Ltd.
17-21/F Shell Tower, Time Square
1 Matheson Street, Causeway Bay
Hong Kong
(852) 2599 7070

Technical information in this document is subject to change without notice.

Printed in U.S.A. 3/1/95
5963-6710E

Artisan Scientific - Quality Instrumentation ... Guaranteed | (888) 88-SOURCE | www.artisan-scientific.com

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

Artisan Scientific Corporation dba Artisan Technology Group is not an affiliate, representative, or authorized distributor for any manufacturer listed herein.

We're here to make your life easier. How can we help you today?

(217) 352-9330 | sales@artisantg.com | artisantg.com

ARTISAN® TECHNOLOGY GROUP