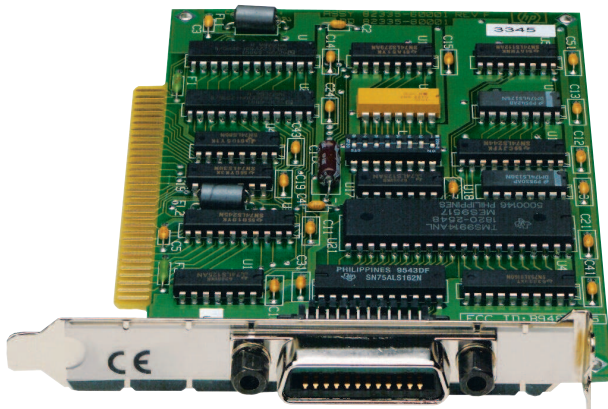

HP-IB Interface for HP S/700 HP E2070C

Technical Specifications

- High-performance HP-IB interface card
- Plug-in instrument control for UNIX workstations
- VISA and SICL support
- Easy access to test automation
- 230 KB/s maximum data rate



HP E2070C

Description

The HP E2070C HP-IB Interface Card is a **complete hardware and software library package** for HP Series 700 workstations. It helps you quickly automate your test station. It provides a cost effective, easy to buy hardware/software combination.

The economical HP E2070C handles a solid 230 KB/s maximum data rate. The interface is supported by SICL and VISA (HP-UX 9.x is supported by SICL only, not VISA). SICL and VISA let you work with open I/O libraries that are portable, regardless of the I/O interface or computer platform.

The HP-IB interface card plugs into one EISA slot in the backplane of your external controller. An HP-IB cable connects the card to the command module in Slot 0 of the VXI mainframe or directly to an HP-IB instrument.

Refer to the HP Website for instrument driver availability and downloading instructions, as well as for recent product updates, if applicable.

Product Specifications

Controller Max. Data Rate Start-up Time (ms)

Controller	Max. Data Rate (KB/s) *	Start-Up Time (ms) **
745i - E2070C (write)	230	0.3
745i - E2070C (read)	190	0.3

*Maximum data transfer rate is the speed of data movement.

**The transaction start-up time measures the overhead of starting up a transfer of data.

Interface Characteristics

Operating system:	HP-UX
Controller:	Series 700
I/O library:	SICL/VISA
Backplane:	EISA
Max. I/O speed:	230 KB/s
Buffering:	none
Languages:	ANSI C, HP BASIC, HP VEE

Ordering Information

Description	Product No.
Std. Perf. HP-IB Interface for S/700	HP E2070C
DDS Cartridge	HP E2070C AAH

Related Literature

1998 Test System and VXI Products Data Book,
HP Pub. No. 5966-2812E

1999 Test System and VXI Products Catalog,
HP Pub. No. 5968-3698

Warranty

Standard Hewlett-Packard VXIbus hardware products are warranted against defects in materials and workmanship for a period of three years unless otherwise noted. HP software and firmware products that are designated by HP for use with a hardware product, when properly installed on that hardware product, are warranted not to fail to execute their programming instructions due to defects in materials and workmanship.

For a complete and detailed warranty statement please see the *HP Test System and VXI Products Data Book* or visit the HP Website at <http://www.hp.com/go/vxi>.

Website Directory

HP VXI Product Information
<http://www.hp.com/go/vxi>

HP VXI Channel Partners
<http://www.hp.com/go/vxichanpart>

HP VEE Application Website
<http://www.hp.com/go/hpvee>

Data Acquisition and Control Website
http://www.hp.com/go/data_acq

HP Instrument Driver Downloads
http://www.hp.com/go/inst_drivers

Electronics Manufacturing Test Solutions
<http://www.hp.com/go/manufacturing>

For more information about Hewlett-Packard test & measurement products, applications, services, and for a current sales office listing, visit our website, <http://www.hp.com/go/tmdir>. You can also contact one of the following centers and ask for a test & measurement sales representative.

United States:

Hewlett-Packard Company
Test and Measurement Call Center
P.O. Box 4026
Englewood, CO 80155-4026
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 9900

Japan:

Hewlett-Packard Japan Ltd.
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