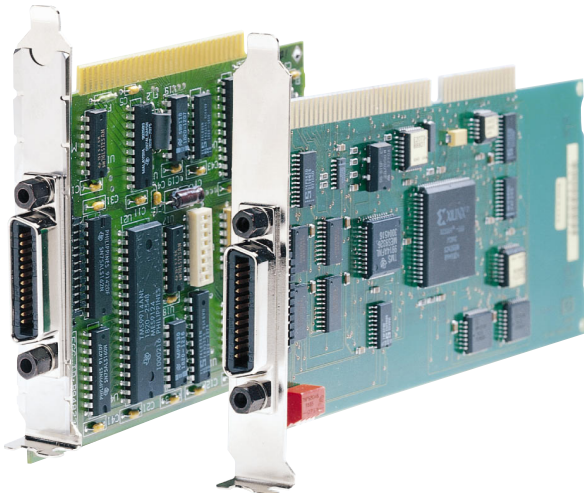

HP-IB Interface for S/700 HP E2070C

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**



Description

The HP E2070C HP-IB Interface Card is a **complete hardware and software library package** for HP Series 700 workstations. It gives everything needed to 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, and 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. (Note: The 745i has a built-in HP-IB interface; use the HP E2070C for an additional HP-IB port.)

Refer to the HP Website directory of addresses (URLs) for instrument driver availability and downloading instructions.

Specifications

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

Controller	Max. Data Rate (KB/s) *	Start-Up Time (ms) **
382	347	2.3
745i - E2070C (write)	230	0.3
745i - E2070C (read)	190	0.3

(Note: The transfer rate for the 745i built-in HP-IB port is 750 KB/s)

*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
HPIB I/F for S/700 - hardware only	HP E2070C 001
DDS cartridge	HP E2070C AAH

Data Subject to Change
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