

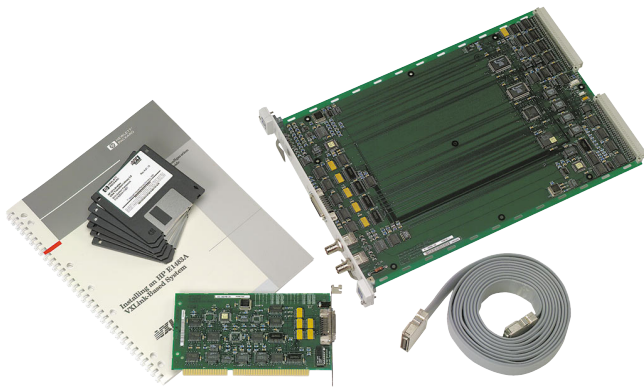
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# VXLink Kit to Connect PC to C-size VXI HP E1483A

## Technical Specifications

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- **External PC-based with WIN 3.1/WIN95 support**
- **High-performance PC-to-VXI interface**
- **Includes HP VIC, the VXI Installation Consultant**
- **Includes SICL and VISA I/O Libraries**



### Description

The HP E1483A VXLink provides a direct connection from your **PC to a VXI mainframe**. VXLink includes an ISA card that installs in your PC, a **C-size, 1-slot, message-based commander VXI module** that plugs into the VXI mainframe, and a 3-meter cable that connects the two. VXLink does not require a separate command module in the VXI mainframe; the VXLink VXI module goes into slot 0. System performance is greater than those VXI systems configured with a command module.

VXLink includes complete development software. The software includes EPConnect, SICL, VISA, I-SCPI drivers, and other software tools that dramatically reduce the time and effort required to develop and integrate your system. VXLink supports Interpreted SCPI (I-SCPI). (VXLink occupies 64 K of upper memory requiring 64 K of memory in either the D000 or E000 upper memory block.)

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

## Specifications

### Interface Characteristics

|                   |                              |
|-------------------|------------------------------|
| Operating system: | Win 3.1<br>Win 95<br>Win NT  |
| Controller:       | PC-Based                     |
| I/O library:      | SICL/VISA                    |
| Backplane:        | ISA                          |
| Max. I/O speed:   |                              |
| 16 bit:           | 3.0 MB/s                     |
| 32 bit:           | n/a                          |
| Languages:        | C/C++ Visual BASIC<br>HP VEE |

### VXI Characteristics

|                       |                         |
|-----------------------|-------------------------|
| VXI device type:      | Message-based Commander |
| Data transfer bus:    | n/a                     |
| Size:                 | C                       |
| Slots:                | 1                       |
| Connectors:           | P1/2                    |
| Shared memory:        | n/a                     |
| VXI busses:           | TTL Trigger Bus (T)     |
| C-size compatibility: | Yes                     |

### Instrument Drivers

See the HP Website ([http://www.hp.com/go/inst\\_drivers](http://www.hp.com/go/inst_drivers)) for driver availability and downloading.

|                                  |     |
|----------------------------------|-----|
| Command module firmware:         | n/a |
| Command module firmware rev:     | n/a |
| I-SCPI Win 3.1:                  | Yes |
| I-SCPI Series 700:               | n/a |
| C-SCPI LynxOS:                   | n/a |
| C-SCPI Series 700:               | n/a |
| HP VEE Drivers:                  | n/a |
| VXIplug&play Win Framework:      | No  |
| VXIplug&play Win95/NT Framework: | No  |
| VXIplug&play HP-UX Framework:    | n/a |

### Module Current

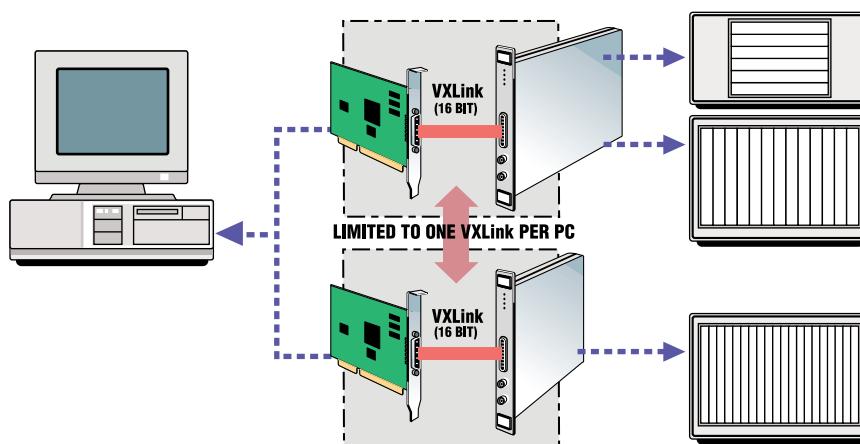
|         | $I_{PM}$ | $I_{DM}$ |
|---------|----------|----------|
| +5 V:   | 2        | 0.45     |
| +12 V:  | 0        | 0        |
| -12 V:  | 0        | 0        |
| +24 V:  | 0        | 0        |
| -24 V:  | 0        | 0        |
| -5.2 V: | 0.1      | 0.03     |
| -2 V:   | 0        | 0        |

### Cooling/Slot

|                                 |       |
|---------------------------------|-------|
| Watts/slot:                     | 10.50 |
| $\Delta P$ mm H <sub>2</sub> O: | 0.12  |
| Air Flow liter/s:               | 0.80  |

### Ordering Information

| Description                             | Product No.   |
|-----------------------------------------|---------------|
| VXLink kit to connect PC to C-size VXI  | HP E1483A     |
| 3 yr. retn. to HP to 1 yr. OnSite warr. | HP E1483A W01 |



The VX Link Connection

Note: VX Link must use slot 0 in the VXI mainframe; limited to 1 UX Link per pc. VX Link is not compatible with the HP E1482B VXI bus extender.