

Applied Data Sciences / PCDR11®

High-speed data link between PC/AT compatibles and DEC DRV11-WA or DR11-W or compatible devices

The PCDR11 board provides a high-speed bi-directional link for transferring data, control and status between a PC/AT compatible personal computer and a DR11-W (UNIBUS) or DRV11-WA (Q-bus). The PCDR11 can also drive peripherals that are compatible with the DRV11-WA or DR11-W protocol.

Ordering Information:

Specify **PCDR11, Part Number: 0700295**. Includes binary software (I/O routines, interactive program to drive compatible devices) and user documentation. No cables are supplied and no DEC side software is supplied. Application software is user supplied. You can E-mail us at sales@appdatasci.com or call us at 972-242-7944 for pricing information.

Applications:

- Graphics
- Networking
- Data Link Monitoring
- External Device Testing
- Update DRV11-WA/DR11-W based systems with cost effective PCs.
- Data link PCs directly to Q-bus or UNIBUS machines for performing graphics or networking with PCs.
- Perform maintenance on peripherals without tying up the DEC host.

Benefits:

By using a PC in conjunction with older DEC machines you gain easy access to inexpensive application software available for PCs. This software includes applications for graphics, data analysis, data trending, plotting, word processing and networking. In general the PCDR11 saves you money on application software development, resource usage and access to modern cost-effective technology.

Features:

In a **Monitor/Capture/Retransmit** mode, the PCDR11 can monitor the information transferred between a DRV11-WA/DR11-W and an attached peripheral. If desired, the information (commands, status, and data) can be captured and saved. With the host disconnected from the external device, you can retransmit the data to the peripheral. This provides an effective way to debug or do maintenance on the link between the host and peripheral without tying up the host.

Data Formats:

The data can be byte or word swapped (or both) before input or output.

Software Support:

The PCDR11 comes with software to support the PC application programmer. Supplied I/O routines make the PCDR11 quick to learn and easy to integrate with user application programs. A menu-driven interface program allows users to drive DR11-W/DRV11-WA or compatible peripherals without having to do any programming.