

DRV11 Interface

Model DQP-1300



The DQP-1300 option module works with Logical's NuVAX and NuPDP systems to allow users to migrate from older Qbus systems while maintaining their investment in software and user equipment.

The DQP-1300 is a plug-and-play replacement for Digital's DRV11 general purpose controller. The DQP-1300 provides a 16-bit parallel user interface for PIO and DMA transfers between a NuVAX or NuPDP system and external equipment. It can also serve as a link between a NuVAX or NuPDP system and another computer with a DRV11 or DR11-C compatible interface.

The DQP-1300 installs into a single PCI slot and connects to the NuVAX or NuPDP bus adapter and, optionally, other option modules by way of top-edge flat ribbon connectors. The DQP-1300 only requires DC power from the slot.



DQP-1300-AA Standard Package

High Performance. The DQP-1300 provides throughput of up to 200 Kbytes per second.

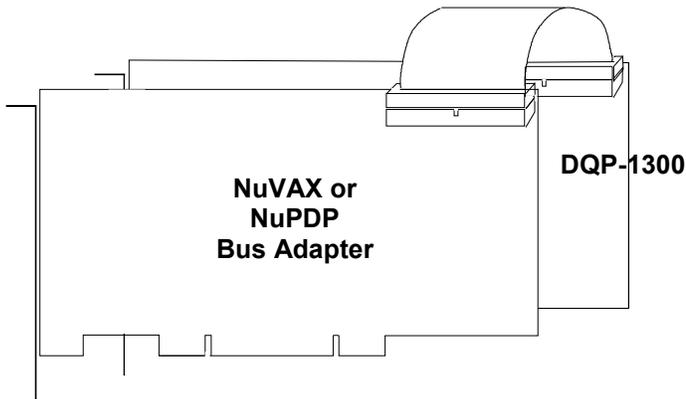
Software Compatible. The DQP-1300 is VMS and RSX compatible, providing a direct replacement for the DRV11.

Hardware Compatible.

- The DQP-1300 is signal and connector compatible with Digital's DRV11 allowing use of existing user cables and equipment.
- The DQP-1300 can also be configured to be signal and connector compatible with Digital's DR11-C Unibus interface.

Easy to Maintain. The DQP-1300 is compatible with Digital's DRV11 XXDP diagnostics.

Long Line Option. The DQP-1300 can accommodate differential interface applications for long-line or noisy environments through the use of an optional adapter panel that is compatible with Digital's M9056.



Specifications

Dimensions	
DQP-1300-A Controller	PCI short card 6.88" by 4.20" (17.46 cm by 10.67cm)
Adapter Panel (CPX-1303)	Provides user connection to two 40-pin DRV11 and DR11-C style connectors
Adapter Cable (CAB-1104-8)	8-foot, terminated with a 100-pin high density connector at each end
Electrical	
DQP-1300-A	0.5 amps @ 5.0 volts DC 0.3 amps @ 3.3 volts DC
Throughput	Up to 800 Kbytes per second
MTBF	65,000 hours
Environmental	
Operating Conditions:	
Temperature	10° to 50° C (50° to 120° F)
Relative Humidity	20% to 80% non-condensing
Storage Conditions:	
Temperature	-40° to 60° C (-40° to 140° F)
Relative Humidity	5% to 90% non-condensing

Ordering Information

DQP-1300-AA Standard Package. DRV11 option controller, standard adapter panel, adapter cable, interconnect cable and loop-back test cable.