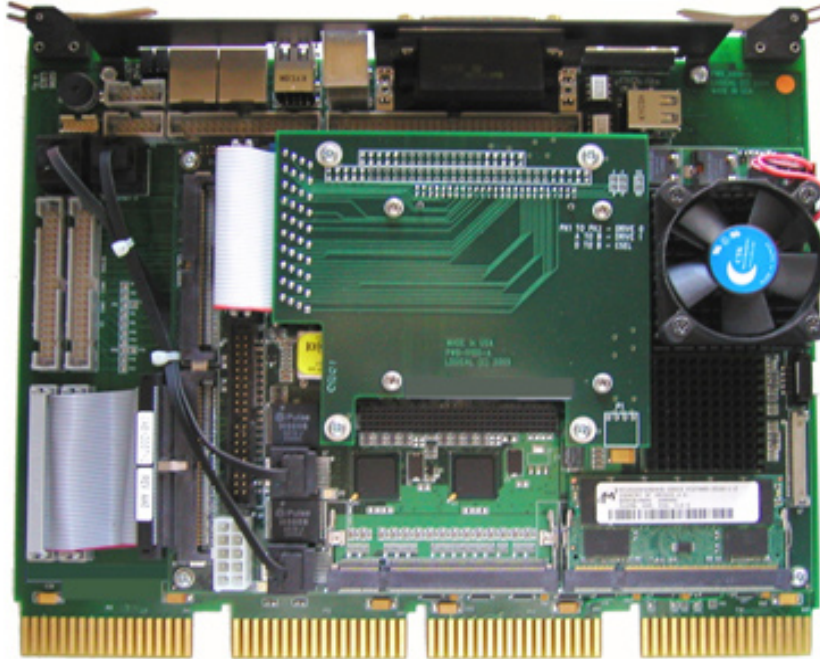


Transduction

Updates Your Current PDP-11 System

NuPDP_Q 1000

NuPDP_Q 1000 PDP on a Board w/ CPU, Memory & HD



NuPDP_Q 1000 Board



NuPDP_Q 1000 Front Panel

NuPDP_Q 1000 Replaces Your PDP-11 Processor, with Brand New Components

Installed in your PDP-11 chassis, the NuPDP_Q 1000 replaces your PDP-11 processor, memory, and hard drives with a new state-of-the-art processor, memory and hard drive. The NuPDP_Q 1000 provides superior performance for the most demanding applications and provides a Qbus interface to support the wide variety of DMA, PIO, and interrupt Qbus controllers.

NuPDP_Q 1000 allows you to preserve your investment in hardware and software while increasing performance, improving reliability and lowering maintenance costs. NuPDP_Q 1000 is designed to prolong the use of PDP-11 applications by upgrading PDP-11 systems in applications that depend on Qbus controller cards and the devices attached to these controllers.

Transduction

Updates Your Current PDP-11 System

NuPDPq 1000

NuPDPq 1000 PDP on a Board w/ CPU, Memory & HD

Specification

Physical

- Standard quad-width board
- 26.7cm x 21.3cm (10.5" x 8.4")
- Requires four quad-width Qbus slots to install

Processor Supported

- PDP-11/03, PDP-11/23, PDP-11/53, PDP-11/73, PDP-11/83 and PDP-11/93

Disk Emulated

- RQ11D, RLV11, RLV12, RP11C, RQDX3, RQZX1, RXV11 and RXV21

Tapes Emulated

- TSV05, TQK25, TQK50 and TQK70

Clock

- KW11-L emulation

PDP-11 Memory

- 4MB

Hard Drive

- 2 x IDE ATA100 ports, one port reversed

Ethernet

- 1 x DEQNA emulation
- 1 x reserved

RS232 Serial Ports (COM1, COM2)

- Console (TT0) and DLV11 (TT1)
- Speed - 38.4Kb maximum

USB

- Reserved

Keyboard, VGA

- Can be configured by user to be the console (TT0)

Mouse

- Not Supported

Printer

- LPV11

Power

- 5.5Amps @ +5VDC

QP Slots for I/O

- None

Qbus Slots for I/O

- System specific

Qbus Loading

- 1 dc load, 2 ac loads

Qbus Compatibility

- 19 additional dc loads

Operating Temperature

- 10 ~ 50°C (50 ~ 120°F)

Operating Humidity

- Relative humidity 10 ~ 90%, non-condensing

Storage Temperature

- -40 ~ 60°C (-40 ~ 140°F)

Storage Humidity

- Relative humidity 5 ~ 90%, non-condensing

Ordering Information

- **PDQ-1000-AA** - PDP-11 replacement controller consists of a quad-width Qbus module with CPU, hard drive, memory and license/key. Requires 4 Qbus slots for BA23 and BA123. Requires 3 Qbus slots for the BA2xx style enclosures.