

Transduction

Retain Existing Qbus Controllers

NuPDP_Q 2000

NuPDP_Q 2000 PDP-11 Replacement w/ NuPDP_Q 1000



NuPDP_Q 2000 Replacement PDP-11 System With Space For Existing Qbus Controllers

The NuPDP_Q 2000 replaces your PDP-11 processor, memory, hard drives and chassis with a new state-of-the-art system while allowing you to retain your existing Qbus controllers. The NuPDP_Q 2000 consists of all new equipment: a Qbus chassis with power supply and Qbus backplane; a NuPDP_Q 1000 processor with memory and disks; and five available quad-width slots (or eight dual-width slots) for your Qbus controllers.

NuPDP_Q 2000 allows you to preserve your investment in hardware and software while increasing performance, improving reliability and lowering maintenance costs. The NuPDP_Q 2000 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.

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Specification

Physical

- Chassis measuring 13.4cm x 48.3cm x 43.2cm (5.25" x 19.0" x 17.0")

Processor Supported

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

Disk Emulated

- RK11D, RLV11, RLV12, RP11C, RQDX3, RQZX1, RXV11, RXV21

Tapes Emulated

- TSV05, TQK25, TQK50, 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

- 250W @ 115/230VAC, 50/60Hz auto-sensing

QP Slots for I/O

- None

Qbus Slots for I/O

- 5 quad-width

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-2000-AA** - PDP-11 replacement system consisting of a PDQ-1000-AA in a Qbus chassis with 5 available quad-width Qbus slots. Includes slides for rack mounting.