

Transduction

Replace DEC I/O Interfaces

NuPDPq 3200

NuPDPq 3200 Replacement System For Outdated PDP-11



NuPDPq 3200 Complete Replacement PDP-11 System With QP Option Modules

The NuPDPq 3200 is a complete state-of-the-art system that replaces your outdated PDP-11 with its slow memory and hard-to-maintain disks and tapes. NuPDPq 3200 allows you to run your existing application software and offers updated versions of DEC I/O interfaces.

- The NuPDPq 3200 system offers a removable SATA system drive and an optional removable data drive.
- Supports up to 4 MB PDP memory.
- Supports Fast Ethernet adapters for 100 Mbps network connections to other systems using network protocols like DECnet and TCP/IP.
- Offers your choice of DHV11, DRV11, DRV11-J, DRV11-WA, DRQ3B, and IEQ11 interfaces. Other interfaces can be designed for your application. Ask Transduction sales team about your special requirements.
- Supports speeds of more than 25 times the PDP-11 speed.

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Specification

Physical

- Standard 4U rack mount chassis (20" depth)

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 and RXV21

Tapes Emulated

- TSV05, TQK25, TQK50 and TQK70

PDP-11 Memory

- 4MB

Clock

- KW11-L emulation

Hard Drive

- Removeable 80GB SATA drive - one system drive, one optional drive

Ethernet

- 10/100 port for DEQNA emulation

RS232 Serial Ports (COM1, COM2)

- Console (TT0)
- Speed - 38.4Kb maximum

USB

- Reserved

Keyboard, VGA

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

Mouse

- Not Supported

Printer

- LPV11

Power

- 300W @ 115/230VAC, 50/60Hz auto-sensing

QP Slots for I/O

- 5

Qbus Slots for I/O

- NA

Qbus Loading

- NA

Qbus Compatibility

- NA

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-3200-AA (Standard System)** - PDP-11 replacement system with a removable system drive. Supports up to 5 QP option modules. Includes slides for rack mounting.
- **PDQ-3200-AB (System with Removable Data Drive)** - PDP-11 replacement system with a removable system drive and removable data drive. Supports up to 5 QP option modules. Includes slides for rack mounting.
- **PDQ-3200-BA (System with External Qbus Support)** - PDP-11 replacement system with a removable system drive and support for external Qbus. Supports up to 5 QP option modules. Includes slides for rack mounting and a Qbus interconnect kit. Order Qbus expansion chassis separately.
- **PDQ-3200-BB (System with Removable Data Drive and External Qbus Support)** - PDP-11 replacement system with a removable system drive, a removable data drive and support for an external Qbus. Supports up to 5 QP option modules. Includes slides for rack mounting and a Qbus interconnect kit. Order Qbus expansion chassis separately.