

Software Product Description

PRODUCT NAME: DEC FDDIcontroller 400 Software Microcode,
Version 2.1

SPD 32.31.05

DESCRIPTION

DEC FDDIcontroller 400 Software Microcode is dedicated microcode that runs on the DEC FDDIcontroller 400 hardware platform. The DEC FDDIcontroller 400 is a FDDI controller designed to comply with ANSI X3T9 FDDI standard and Digital Equipment Corporation's Memory Interconnect Specification (XMI Bus). It allows customers to connect systems that are equipped with an XMI bus to FDDI local area networks.

DEC FDDIcontroller 400 hardware is shipped from the factory with the DEC FDDIcontroller 400 Software Microcode preloaded. The microcode resides in electronically alterable memory within DEC FDDIcontroller 400 hardware, and can be updated via down-line load if new versions of the microcode are issued. It is maintained in the hardware base even during power-off states.

DEC FDDIcontroller 400 takes up one XMI slot.

General characteristics of DEC FDDIcontroller 400 Software Microcode:

- Performs initialization of the DEC FDDIcontroller 400
- Performs Diagnostic Selftest automatically at power-up and also when initiated by host driver
- Performs FDDI Station Management SMT based on the ANSI X3T9 Standard, SMT V6.2
- Maintains all DEC FDDIcontroller 400 counters
- Accepts host-initiated load of new firmware under control of the host CPU operating system and/or console utility
- Supports Digital's Maintenance Operations Protocol
- Provides error logging and error recovery for both hardware and firmware failures
- Provides support for Promiscuous Mode

HARDWARE REQUIREMENTS

DEC FDDIcontroller 400/DEMFA hardware is required to run DEC FDDIcontroller 400 Software Microcode.

SOFTWARE REQUIREMENTS

For VAX host CPUs, OpenVMS VAX V5.4-3 or greater is required.

Note: When upgrading from releases before V5.4-3, the OpenVMS upgrade should be done prior to installing the adapter hardware.

For Alpha host CPUs, OpenVMS AXP V1.5 or greater is required.

GROWTH CONSIDERATIONS

The minimum hardware/software requirements for any future version of This product may be different from the requirements for the current version.

ORDERING INFORMATION

This product is provided pre-installed in the prerequisite hardware, and can be ordered to upgrade currently installed DEC FDDIcontroller 400s:

QB-MF4A8-AA DEC FDDIcontroller 400
Firmware w /DECNDU-VMS
Upgrade Package on 9-track
1600 BPI Magtape.

QB-MF4A8-AB DEC FDDIcontroller 400
Firmware w/DECNDU-VMS
Upgrade Package on TK50
Streaming Tape.

For Alpha host CPUs, the console LFU utility will be used to load the FDDIcontroller firmware update. The LFU media release will occur separately.

SOFTWARE LICENSING

The software license required to run DEC FDDIcontroller 400 Software Microcode is conveyed with the purchase of hardware. This license cannot be purchased as an independent line item.

This software is furnished under the licensing provisions of Digital Equipment Corporation's Standard Terms and Conditions. For more information about Digital's licensing terms and policies, contact your local Digital office.

SOFTWARE WARRANTY

Warranty of this software microcode product is provided by Digital with the purchase of a license for the product as defined in the Software Warranty Addendum of this SPD.

The above information is valid at time of release. Please contact your local Digital office for the most up-to-date information.

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