

# Software Product Description

**PRODUCT NAME: MicroVAX Diagnostic Monitor Ethernet Server Kit**

**SPD 29.89.00**

## DESCRIPTION

The MicroVAX Diagnostic Monitor Ethernet Server Kit allows the MicroVAX Diagnostic Monitor stand-alone operating system to be loaded from a remote VMS host over the Ethernet. This is particularly useful in situations where local load devices are not available. The loaded system is functionally the same as the locally loaded MDM product available as ZNABX.

The MicroVAX Diagnostic Monitor (MDM) stand-alone operating system with diagnostic programs runs on a MicroVAX II/rtVAX/MicroVAX 3000 to verify that the system is operating correctly. MDM is designed to be booted on a MicroVAX II/rtVAX/MicroVAX 3000 where it can test the system's devices. The main objective of the diagnostic testing is the isolation of problems to a field replaceable unit (FRU) that can be easily removed and repaired.

MDM is operated through two user interfaces, menu mode and command line mode. Menu mode provides an easy-to-use, structured control of diagnostic testing through menu selections. Command line mode provides a more interactive control of diagnostic testing through individual commands typed at a command line mode prompt. Both interfaces offer full testing capability, but command line mode allows greater control of diagnostic operating conditions.

MDM is available in two versions: the customer version, which is shipped with every MicroVAX and the service version, described here. While the two versions allow users to select operations from the same menu, only the service version provides full diagnostic testing and supports command line mode.

MDM provides Functional, Exerciser and Utility environments under verify or service modes for MicroVAX/rtVAX/MicroVAX 3000 hardware testing.

## Diagnostic Test Environments and Modes

Environments	Characteristics	Test Modes	
		Verify	Service
Functional	Tests execute one at a time  No operator interaction	No special set-up required	Special set-up required
Exerciser	Tests execute other tests  No operator interaction	No special set-up required	Special set-up required
Utility	Tests execute one at a time  Operator interaction required	Do not run	Used where operator interaction is required to perform special functions such as formatting Winchester disks or isolating communication subsystem problems

## HARDWARE REQUIREMENTS

Any valid MicroVAX II, rtVAX 1000, or MicroVAX 3000 system configuration containing a minimum of 2MB of system memory and an appropriate load device.

## OPTIONAL HARDWARE

None

## SOFTWARE REQUIREMENTS

None

## OPTIONAL SOFTWARE

None

**WARRANTY**

NONE

THIS SOFTWARE PRODUCT IS PROVIDED "AS IS" WITHOUT ANY WARRANTY OF ANY KIND, EITHER EXPRESS OR IMPLIED.

**ORDERING INFORMATION**

All single-use licensed software, including any subsequent updates purchased, is furnished under the licensing provisions of DIGITAL's Standard Terms and Conditions, which provide in part that the software and any part thereof may be used on only the single CPU on which the software is first installed, and may be copied, in whole or in part (with the proper inclusion of the copyright notice and any proprietary notices on the software) only for use on such CPU.

A Single-Use, License-Only Option is a license to copy the software previously obtained under license.

The following key (5, H, M) represents the distribution media for the product and must be specified at the end of the order number, e.g., ZNA07-H5 = binaries on TK50 Tape Cartridge.

- |                         |                              |
|-------------------------|------------------------------|
| 5 = TK50 Tape Cartridge | M = 9-track 1600 BPI Magtape |
| H = RL02 Disk Cartridge | Z = No hardware dependency   |

**Option Numbers**

ZNA07-UZ MicroVAX Diagnostic Monitor Ethernet Server License only, no binaries, no documentation, no support services.

ZNA07-H\* MicroVAX Diagnostic Monitor Ethernet Server Media Kit in RL02, TK50 or 1600 BPI magtape

ZNA07-W\* MicroVAX Diagnostic Monitor Ethernet Server Annual Update Service in RL02, TK50 or 1600 BPI magtape

**Miscellaneous Options**

*Maintenance Documentation Service (MDS) - Microfiche Documentation Library*

MD-LEVAX Maintenance Documentation and Diagnostic Listings for VAX-11/730 and MicroVAX systems (Library only)

MD-LEVAX-R Subscription Update Service for MD-LEVAX (12 months)

MD-LEVAX-2R Subscription Update Service for MD-LEVAX (24 months)

**ADDITIONAL SERVICES**

None