System Support Addendum

PRODUCT NAME: Digital Extended Math Library for VMS, Version 1.0 **SSA 31.67.00-A**

HARDWARE REQUIREMENTS

Processors Supported:

VAX: VAXft 3000-310

VAX 4000 Model 300,
VAX 6000 Model 200 Series,
VAX 6000 Model 300 Series,
VAX 6000 Model 400 Series

VAX 8200, VAX 8250, VAX 8300, VAX 8350, VAX 8500, VAX 8530, VAX 8550, VAX 8600, VAX 8650, VAX 8700, VAX 8800, VAX 8810, VAX 8820, VAX 8830, VAX 8840, VAX 8842, VAX 8974, VAX 8978

VAX 9000-210, VAX 9000-410, VAX 9000-210, VAX 9000-430, VAX 9000-440

VAX-11/730, VAX-11/750, VAX-11/780, VAX-11/785

MicroVAX: MicroVAX II, MicroVAX 2000, MicroVAX 3100, MicroVAX 3300, MicroVAX 3400, MicroVAX 3500, MicroVAX 3600, MicroVAX 3800, MicroVAX 3900

VAXstation: VAXstation II, VAXstation 2000, VAXstation 3100 Series, VAXstation 3200, VAXstation 3500, VAXstation 3520, VAXstation 3540

VAXserver: VAXserver 3100, VAXserver 3300, VAXserver 3400, VAXserver 3500, VAXserver 3600, VAXserver 3602, VAXserver 3800, VAXserver 3900

VAXserver 6000-210, VAXserver 6000-220, VAXserver 6000-310, VAXserver 6000-320, VAXserver 6000-410, VAXserver 6000-420

Processors Not Supported:

VAX-11/725, VAX-11/782, MicroVAX I, VAXstation I, VAXstation 8000

Processor Restrictions:

A TK50 Tape Drive is required for standalone MicroVAX 2000 and VAXstation 2000 systems.

Block Space Requirements (Block Cluster Size = 1):

Disk space required for installation:	55,700 blocks (27,850K bytes)
Disk space required for use (permanent):	55,700 blocks (27,850K bytes)

These counts refer to the disk space required on the system disk. The sizes are approximate; actual sizes may vary depending on the user's system environment, configuration, and software options.

OPTIONAL HARDWARE

DXML supports the optional vector processing hardware on both the VAX 9000 and the VAX 6000 Model 400 processors.

Floating point intensive applications should be run on configurations with the appropriate hardware support for the floating point data types being used. Consult the base operating system SPD for the Floating Point Accelerator or other floating point hardware appropriate for your configuration.

Vector Processing Hardware Requirements

Vector-processor equipped VAX systems are required for proper execution of vector instructions. However, applications linked using DXML vector-libraries will run on all VAX processors using the VAX Vector Instruction Emulation Facility (VVIEF) which is supplied with VMS. Execution using the VVIEF may be significantly slower than relinking with the scalar library for scalar execution.

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CLUSTER ENVIRONMENT

This layered product is fully supported when installed on any valid and licensed VAXcluster* configuration without restrictions. The *HARDWARE REQUIREMENTS* sections of this product's Software Product Description and System Support Addendum detail any special hardware required by this product.

* V5.x VAXcluster configurations are fully described in the VAXcluster Software Product Description (29.78.xx) and include CI, Ethernet and Mixed Interconnect configurations.

SOFTWARE REQUIREMENTS

For Systems Using Terminals (No DECwindows Interface):

- VMS Operating System V5.4

For Workstations Running VWS:

- VMS Operating System V5.4
- VMS Workstation Software V4.2

For VMS V5.x, the following VMS classes are required for full functionality of this layered product:

- VMS Required Saveset

For more information on VMS classes and tailoring, refer to the VMS Operating System Software Product Description (SPD 25.01.xx).

GROWTH CONSIDERATIONS

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

DISTRIBUTION MEDIA

Tape: 9-track 1600 BPI Magtape (PE), TK50 Streaming Tape

This product will also be available as part of the VMS Consolidated Software Distribution on CDROM.

The software documentation for this product is also available as part of the VMS On-line Documentation Library on CDROM.

ORDERING INFORMATION

Software Licenses: QL-YEZ99-J*
Software Media: QA-YEZAA-**
Software Documentation: QA-YEZAA-GZ
Software Product Services: QT-YEZA*-**

* Denotes variant fields. For additional information on available licenses, services and media, refer to the appropriate price book.

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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