System Support Addendum

PRODUCT NAME: Digital Extended Math Library for OpenVMS[1], Version 2.0 **SSA 31.67.01-A**

HARDWARE REQUIREMENTS

Processors Supported:

VAXft Model 110,
VAXft Model 310,
VAXft Model 410,
VAXft Model 610,
VAXft Model 612

VAX: VAX 4000 Model 100,
VAX 4000 Model 200,
VAX 4000 Model 300,
VAX 4000 Model 400,
VAX 4000 Model 500,
VAX 4000 Model 600

VAX 6000 Model 200 Series,
VAX 6000 Model 300 Series,
VAX 6000 Model 400 Series,
VAX 6000 Model 500 Series,
VAX 6000 Model 600 Series

VAX 7000 Model 600 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 9000 Model 110,
VAX 9000 Model 210,
VAX 9000 Model 300 Series,
VAX 9000 Model 400 Series

VAX 10000 Model 600 Series

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

MicroVAX: MicroVAX II, MicroVAX 2000,
MicroVAX 3100 Model 10/10E,
MicroVAX 3100 Model 20/20E,
MicroVAX 3100 Model 30,
MicroVAX 3100 Model 40,
MicroVAX 3100 Model 80,
MicroVAX 3100 Model 90,
MicroVAX 3300, MicroVAX 3400,
MicroVAX 3500, MicroVAX 3600,
MicroVAX 3800, MicroVAX 3900

VAXstation: VAXstation II, VAXstation 2000,
VAXstation 3100 Model 30,
VAXstation 3100 Model 38,
VAXstation 3100 Model 40,
VAXstation 3100 Model 48,
VAXstation 3100 Model 76,
VAXstation 3200, VAXstation 3500,
VAXstation 3520, VAXstation 3540

VAXstation 4000 Model 60,
VAXstation 4000 Model 90,
VAXstation 4000 VLC

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

VAXserver 4000 Model 200,
VAXserver 4000 Model 300,
VAXserver 4000 Model 500

VAXserver 6000 Model 210,
VAXserver 6000 Model 220,
VAXserver 6000 Model 310,
VAXserver 6000 Model 320,
VAXserver 6000 Model 410,
VAXserver 6000 Model 420,
VAXserver 6000 Model 510,
VAXserver 6000 Model 520,
VAXserver 6000 Model 610,
VAXserver 6000 Model 620,
VAXserver 6000 Model 630

[1] The terms OpenVMS and VMS refer to the OpenVMS operating system.

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August 1992
AE-PBLMB-TE

Processors Not Supported:

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

Processor Restrictions:

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

Disk Space Requirements (Block Cluster Size = 1):

Development Option

Disk space required for installation:	110,000 blocks (57 Mbytes)
Disk space required for use (permanent):	110,000 blocks (57 Mbytes)

Run-Time Option

Disk space required for installation:	90,000 blocks (47 Mbytes)
Disk space required for use (permanent):	90,000 blocks (47 Mbytes)

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 the VAX 9000 and VAX 6000 Model 400 and 500 series 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

The vector processor hardware option is required for proper execution of vector instructions. However, applications that are linked using the DXML vector libraries will run on all VAX-based processors, using the VAX Vector Instruction Emulation Facility (VVIEF) that is supplied with OpenVMS. However, execution using the VVIEF may result in performance that is significantly slower than that achieved by relinking with the scalar library.

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):

OpenVMS Operating System V5.4-V5.5

For Workstations Running VWS:

OpenVMS VAX Operating System V5.4-V5.5
OpenVMS VAX Workstation Software V4.4

VMS Tailoring:

The following VMS classes are required for full functionality of this layered product:

- VMS Required Saveset
- Programming Support
- Utilities

For more information on VMS classes and tailoring, refer to the OpenVMS 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

9-track 1600 BPI Magtape, TK50 Streaming Tape

This product is also 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 Online Documentation Library on CDROM.

ORDERING INFORMATION

Development Option:

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

Run-Time Option:

Software Licenses: QL-MUS99-J*
Software Media: QA-MUSAA-**
Software Product Services: QT-MUSA*-**

* 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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