Software Product Description

PRODUCT NAME: DEC SoftWindows/SoftPC for OpenVMS AXP, Version 5.0 SPD 45.62.00

Description

DEC SoftWindows/SoftPC for OpenVMS AXP is a software program that lets your Digital workstation or terminal emulate an IBM® PC/AT®. A DOS application functions in the DEC SoftWindows environment as it functions on an IBM PC/AT, provided that the application does not require special hardware or a copy-protected diskette.

DEC SoftWindows supports MOTIF and the VT220 terminal. This means that DEC SoftWindows can be executed on an OpenVMS system and displayed on a VT220 or a local or remote MOTIF display station using an LK201 or a LK401 keyboard.

DEC SoftWindows supports Novell NetWare, LAN Manager, Banyan Vines, the ODI standard, TCP/IP, Winsockets, and LAN Workplace for DOS.

DEC SoftWindows includes preinstalled Microsoft Windows 3.1 and MS–DOS 6.21.

DEC SoftWindows's performance depends upon various factors as well as the speed of the processor upon which it executes. A DECstation 3000 will deliver compute performance in the 386 to 486 range for both DOS and Windows applications.

Applications used with DEC SoftWindows (except those DOS utilities included with the DEC SoftWindows software) are not Digital licensed, warranted, or supported products. The user must comply with the terms and conditions of each application software license agreement in effect between the user and application supplier.

Communications applications may not operate like those on a real PC due to differences in signalling on the Alpha AXP processor and PC processor and the way in which the AXP processor handles interrupts. Many communications programs do work correctly and it is recommended that these programs be tried before purchasing DEC SoftWindows.

Emulated Environment

CPU	80286 (real and protected mode) plus 80287 Numeric Co-processor
ROM BIOS	AT BIOS
Operating System	MS–DOS® Version 6.21 is included
MS-Windows®	Windows 3.1 is included
Diskette	3.5-inch 2.88MB, 1.44MB and 720KB read/write.
Floppy drives	A and B are supported.
Hard disk	C and D drives. Up to 300 MB each.
File Sharing	E through Z can be mapped to a native directory, either local or remote.
Communications port	COM1, COM2, COM3, and COM4 map to the system serial ports.
Printer	LPT1, LPT2, and LPT3 map to serial ports or spooled device.
Extended Memory	Up to 16MB.
Expanded Memory	LIM 4.0 up to 32MB.
CDROM	Supported as a file sharing device or with MSCDEX.EXE.
Video	CGA, Hercules®, EGA, VGA, and SVGA or MDA on VT220.
Keyboard	AT enhanced.
Mouse	Microsoft® bus mouse emulated.
Clock	CMOS clock.
CMOS RAM	Emulated as a file.
Not supported	Special hardware options requiring a PC bus.

Functional Features

Operational Control

- Disk Drives - Allows the user to set up disk, CDs and floppies.
- COM/LPT Ports - Allows the user to tailor the COM and LPT ports to the host environment.

- Keyboard - Allows the user to define what keyboard map file to use.
- Display - Allows the user to select between display types.
- Memory - Allows the user to configure Extended and expanded memory.
- Auto Flush - Allows the user to automatically flush the I/O after a prescribed interval.
- Auto Freeze - If enabled, this will stop the DEC SoftWindows window from using CPU cycles as soon as a different window is selected.
- Sound - Enables the workstation to beep if the PC application generates sound.
- FPU Emulation - Allows the use of the workstation's floating point unit or to emulate the PC 287 in software.
- Flush Ports - Forces a port flush on a designated port.
- Activate/Deactivate - Allows the temporary activation or deactivation of a device, such as the floppy, for other use.
- Attach/detach mouse - Attaches/detaches PC mouse to X mouse.
- Freeze/Unfreeze - If enabled, this will stop the DEC SoftWindows window from using CPU cycles immediately.
- Restart - Reboots DEC SoftWindows .

Edit Functions

Text may be cut and pasted from the DEC SoftWindows window into the same window, or into a different window using the mouse.

Multiple Sessions

A user may operate multiple sessions of DEC SoftWindows on a workstation screen without requiring additional license units. All other use requires one license per session.

HARDWARE REQUIREMENTS

Peripherals and/or processors as specified in the System Support Addendum (SSA 45.62.00-x).

SOFTWARE REQUIREMENTS*

OpenVMS AXP Operating System version 6.1 or later, and necessary components of DECwindows MOTIF for OpenVMS version 1.2.2 or later.

Note: MOTIF for OpenVMS must be installed, but you are not required to have a MOTIF license if you only want to use SoftWindows in VT220 mode.

* Refer to the System Support Addendum (SSA 45.62.00-x) for availability and required versions of prerequisite/optional software and for information regarding components of DECwindows MOTIF for OpenVMS.

ORDERING INFORMATION

Software Licenses: QL-YNWA*-3B 1 user concurrent license

This product is available on the Digital CD-ROM Software Library for OpenVMS AXP Layered Products, QA-03XAA-H8.
Software Documentation: QA-YNWAB-GZ DEC SoftWindows DOC KIT
Software Product Services: QT-YNWA*-**

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

SOFTWARE LICENSING

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.

License Management Facility Support

This layered product supports the OpenVMS License Management Facility.

This layered product offers a Concurrent Use license. Each Concurrent Use license allows an individual to use the layered products.

For more information about Digital's licensing terms and policies, contact your local Digital office.

SOFTWARE PRODUCT SERVICES

A variety of service options are available. For more information on these and other services, please contact your local Digital office.

SOFTWARE WARRANTY

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

Warranty Limitations

Digital does not guarantee that every single PC application will run, although it has been tested with several hundred applications.

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System Support Addendum

PRODUCT NAME: DEC SoftWindows/SoftPC for OpenVMS ® AXP, Version 5.0 SSA 45.62.00-A

HARDWARE REQUIREMENTS

Alpha AXP Processors Supported

DEC 2000	Model 300
	Model 500
DEC 3000	Model 300
	Model 300L
	Model 300LX
	Model 400
	Model 400S
	Model 500
	Model 500S
	Model 500X
	Model 600
	Model 600S
	Model 700
	Model 800
	Model 800S
	Model 900
DEC 4000	Model 600
	Model 700
Digital 2100 Server	Model A500MP
Digital 2100 Server	Model A600MP
DEC 7000	Model 600 Series
DEC 10000	Model 600 Series

Disk Space Requirements

Disk space required for installation: 35MB

Disk space required for use (permanent): 35MB

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.

SOFTWARE REQUIREMENTS

OpenVMS AXP Operating System version 6.1 or later, and necessary components of DECwindows MOTIF for OpenVMS version 1.2.2 or later.

Note: MOTIF for OpenVMS must be installed, but you are not required to have a MOTIF license if you only want to run in VT220 mode.

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

This product is distributed on the Digital CD-ROM Software Library for OpenVMS AXP Layered Products (QA-03XAA-H8).

ORDERING INFORMATION

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Software Documentation: QA-YNWB*-GZ
Software Product Services: QT-YNWA*-**

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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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