Software Product Description

PRODUCT NAME: DEC SoftPC for OpenVMS, Version 4.0 **SPD 32.18.02**

DESCRIPTION

DEC SoftPC for OpenVMS provides the user the with ability to operate DOS-based software. The SoftPC® product emulates an IBM® PC/AT® system (both real and protected mode) using standard hardware and software. A DOS application functions in the SoftPC environment as it functions on an IBM PC/AT providing it does not require special hardware or copy protected diskette.

DEC SoftPC supports MOTIF, as well as the VT220. As such, it can be executed on an OpenVMS system and can be displayed on a VT220 or a local or remote MOTIF display station using LK201 or LK401 keyboards.

The performance of the SoftPC facility is dependent upon a number of factors as well as the speed of the processor upon which it executes. A VAXstation 4000 /90 will deliver compute performance in the 386 range. Graphics performance will be slower.

Applications used with SoftPC (except those DOS utilities included with the SoftPC 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 in a like manner to a real PC due to differences in signalling on the host processor and the PC processor and the way in which the host processor handles interrupts. Many communications programs do work correctly and it is recommended these programs be tried before purchasing SoftPC.

Emulated Environment

CPU	80286 (real and protected mode) plus 80287 Numeric Co-processor
ROM BIOS	AT BIOS
Operating System	DOS Version 5.0
Diskette	3.5 inch 2.88mb, 1.44mb and 720kb read/write, 5.25 inch high density read/write. 5.25 inch low density read only Copy protection only supported with SLAVEPC**. The ability to attach and use a real PC floppy as your own. ** SlavePC support provided for the following PCs: IBM PC, IBM PC/AT, PS/2® model 30, COMPAQ®, Vectra®, DECstation 216 and 316, plus any that are 100% compatible with the above.
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
CD–ROM	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, PCSA container files

Functional Features

Operational Control

- Disk Drives - Allows the user to set up disk, CD and floppies
- COM/LPT Ports - Allows the user to tailor the COM and LPT ports to the host environment
- Keyboard - Allows user to define what keyboard map file to use
- Display - Allows user to select between display types
- Memory - Allows user to configure Extended and expanded memory
- Auto Flush - Allows user to automatically flush the I/O after a prescribed interval
- Auto Freeze - If enabled, will stop the SoftPC window from using CPU cycles immediately a different window is selected.
- Sound - Enables workstation to beep if PC application generates sound
- FPU Emulation - Determines whether or not to use the Workstation's floating point unit - or to emulate the PC 287 in software
- Flush Ports - forces a port flush on designated port
- Activate/Deactivate - Allows 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, will stop the SoftPC window from using CPU cycles immediately a different window is selected.
- Restart - Reboots SoftPC

Edit Functions

Text may be cut and pasted from the SoftPC window into the same, or a different window by using the mouse to select areas.

Multiple Sessions

A user may operate multiple sessions of SoftPC 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 32.18.02-x).

SOFTWARE REQUIREMENTS*

For Systems Using Terminals: (No MOTIF Interface)

OpenVMS Operating System 5.5 or later

For Workstations Running MOTIF

OpenVMS Operating System version 5.5 or later (and necessary components of OpenVMS MOTIF version 1.1 or later)

* Refer to the System Support Addendum (SSA 32.18.02-x) for availability and required versions of prerequisite/optional software and for information regarding components of OpenVMS MOTIF.

ORDERING INFORMATION

Software Licenses: QL-YNWAA-3B 1 user concurrent license
Software Media: QA-YNWAA-H* (M or 5)
Software Documentation: QA-YNWAA-GZ
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 any one 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 or 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.

® IBM is a registered trademarks of International Business Machines Incorporated.

® Hercules is a registered trademark of Hercules Computer Technology.

® COMPAQ is a registered trademark of COMPAQ Computer Corporation.

® Microsoft is a registered trademark of Microsoft Corporation.

™ PC/AT is a trademark of International Business Machines Incorporated.

® Vectra is a registered trademark of Hewlett-Packard Company.

® SoftPC is a registered trademark of Insignia Solutions Inc.

™ The DIGITAL Logo, MOTIF, DECstation, DEC, DEC SoftPC, OpenVMS, VAXstation and VT are trademarks of Digital Equipment Corporation.