

# Software Product Description

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PRODUCT NAME: Microsoft MS-DOS Operating System, Version 5.0 with Microsoft Windows Graphical Environment, Version 3.1 SPD 37.30.00

## DESCRIPTION

This software package includes both Microsoft® MS-DOS® Operating System V5.0 and Microsoft Windows™ V3.1, the most-popular graphical interface offered in the PC marketplace. The package includes floppy disk media, documentation and a software license for use on one personal computer CPU in a single package.

The product also contains DOS V5.0 HELP!(C), an on-line tutorial floppy diskette developed by Phoenix Technologies, Ltd. to aid new and experienced DOS users.

### *Operating System Overview*

The Microsoft MS-DOS Operating System is the most widely used operating system for personal computers. The operating system provides the following features:

- The base set of instructions to get the PC running and control the PC's activities. It manages the flow, entry, and display of data to and from each part of the computer. To run a program, the user must first run the operating system.
- MS-DOS commands to allow the user to perform the following tasks:
  - Manage files and directories
  - Maintain disks
  - Configure hardware
  - Optimize the use of memory
  - Speed up programs
  - Customize how MS-DOS uses hardware, memory, and files

The user interfaces with MS-DOS by typing commands at the command prompt.

New features of MS-DOS V5.0 include:

- Capability to run MS-DOS in the high memory area (HMA) when the PC has extended memory. Ability to run certain device drivers and programs in upper memory for Intel™ 80386 or higher PCs. The capabilities make more conventional memory available to the user's programs, enabling them to run faster and more efficiently.
- Two new commands — "unformat" and "undelete". These commands allow the user to undo a format or cancel a delete operation.
- Online Help for all MS-DOS commands.
- MS-DOS Editor, a new full-screen text editor.
- Expanded "dir" command capabilities.
- DOSkey — A program to use, recall, edit, and carry out commands already used and to create macros.
- MS-DOS QBasic — An improved Basic programming environment.
- Ability to access more than two hard disk drives, create disk partitions of up to 2 gigabytes, support for 2.88MB floppy disks and file search through multiple levels of directories.

#### *Digital Customization*

Digital customizes the basic MS-DOS product by adding the following enhancements:

DECGRAPH	Lets the user print graphic video images on a Digital printer.
DECKEYB	Loads a keyboard mapping that enables the end user to use the Digital GOLD KEY keyboard with the DECpc.
DECMODE	Lets the user set up Communications, Print, Help, Keyboard and Video modes.
KEYBRD	Lets the user access the Digital GOLD KEY keyboard features.
XONXOFF	Lets the user access asynchronous ports that have communications devices and attached serial printers requiring the XON/XOFF protocol.
PRINTER DRIVERS	Drivers to support Digital printers are included.  Refer to <i>HARDWARE REQUIREMENTS</i> section for supported printers.
LOGITECH MOUSE DRIVER	Driver for the DECpc Logitech Mouse.

#### *Windows Overview*

MS Windows provides users with a "point-and-click" interface to the MS-DOS Operating System and applications which run under Windows. Users perform tasks and access applications by selecting functions from graphic menus, rather than typing in a command line. Users can run more than one application at a time and can transfer information between applications.

The Windows graphical environment has a standard graphical user interface (GUI) to which hundreds of the most popular PC applications have written interfaces.

*New Features:*

- Higher performance and more robust than Windows V3.0A
- Ease-of-use improvements throughout the product
- New File Manager
- Improved application error handler
- Built-in multi-media support
- TrueType fonts included; provides scalable fonts with no "jaggies"
- Built-in Screen Saver
- Improvements for laptop PC support

**HARDWARE REQUIREMENTS**

*Processors Supported*

This software product runs on Digital's DECstations and DECpc's using Intel 80286, 80386, and 80486 microprocessors.

*Minimum Installation Configuration:*

Digital Personal Computer using Intel 80286, 80386, and 80486 microprocessor, 1 MB memory, and either a floppy disk drive or a hard disk for use when software is downline loaded from a server.

Digital recommends a minimum of 4MB system memory on systems using Microsoft MS-DOS and Microsoft Windows together.

**OPTIONAL HARDWARE**

*Digital Printers Supported:*

- DEClaser 1100, 1150
- DEClaser 2100, 2150
- DEClaser 2200, 2250
- DEClaser 3200, 3250
- LN03 Laser Printer
- PrintServer 20
- Turbo PrintServer 20

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**SPD 37.30.00**

- LJ250 Companion Color Printer
- DECjet 1000
- DECjet 2000
- LA70 Personal Printer
- LA75 Companion Printer
- LA75 PLUS Companion Printer
- LA324 MultiPrinter

**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**

3.5 inch Diskette

**ORDERING INFORMATION**

Single-use License, media, and documentation for both MS-DOS V5.0 and Windows V3.1: QB-MES\*A-TA

Software Product Services: QT-MESA\*-\*\*

- \* Denotes variant fields. For additional information on available services, refer to the appropriate price book.

**SOFTWARE LICENSING**

A single CPU license is included in the kit. For more information about Digital's licensing terms and policies, contact your local Digital office.

**SOFTWARE PRODUCT SERVICES**

Digital provides remedial support for this product and, as such, does not provide consulting services for DOS or Microsoft Windows application development.

These services provide support for the Microsoft MS-DOS and the Microsoft Windows provided in this product as purchased from Digital Equipment Corporation.

These services do not extend to retail Microsoft MS-DOS and Microsoft Windows, or to other PC vendors' renditions of Microsoft MS-DOS or Microsoft Windows. They also do not extend to any previous versions of Microsoft MS-DOS and Microsoft Windows sold by Digital Equipment Corporation.

A variety of service options are available from Digital. For more information, contact your local Digital office.

### SOFTWARE WARRANTY

Warranty for this product is provided by Digital per terms and conditions defined on the software license.

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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