



DIGITAL Personal Workstation a-Series System Software CD Guide

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Dear Customer,

Congratulations on the purchase of your new DIGITAL Personal Workstation.

This document explains the system software CD included with your system. If you experience a catastrophic failure which requires that you rebuild the system software/operating system of your workstation to the Factory Installed software image, this document will guide you through the procedure to reinstall your applications and drivers on the system software CD. If any of the drivers or applications are destroyed, the system software CD will restore your system to its original state.

Starting an Operating System Installation

Introduction

This information provides what you need to begin an operating system installation. Once you have started an installation, follow the on-screen instructions and refer to the appropriate operating system documentation.

Using the table below, first locate the operating system you want to install and refer to the appropriate table number:

If you want to:	Go to Table:
Install Windows NT Workstation on a properly partitioned and formatted disk	1
Set up partitions for a Windows NT Workstation installation	2

Starting a Windows NT Workstation Installation

DIGITAL partitions and formats disk 0 on the first SCSI controller in non-RAID Windows NT Workstation systems. The partitions are set up as follows:

- Partition 1 (typically, the "C" drive) is the size of the disk less 6 MB and formatted FAT. Normally, you select "convert to NTFS" during the Windows NT installation.
- Partition 2 (typically, the "D" drive) is 6 MB, formatted FAT, and identified as the system partition.

Refer to Table 1 for the steps to start installing Windows NT Workstation on a properly partitioned and formatted disk.

NOTE

The AlphaBIOS console must be installed and running in order to perform a Windows NT installation.

Table 1: Starting a Windows NT Workstation Installation

Step	Action	Result or Displayed Text
1	Insert the Microsoft Windows NT Workstation CD-ROM into the CD drive.	CD-ROM drive is ready.
2	From the AlphaBIOS boot screen, press [F2]. Note: At this point in the installation you should choose "Display System Configuration:" and note version numbers of the devices to be reinstalled with your system software CD. Exit and go to Step 3.	AlphaBIOS setup screen displays.

Table 1: Starting a Windows NT Workstation Installation (cont.)

Step	Action	Result or Displayed Text
3	Select Install Windows NT.	Windows NT setup procedure starts. The following message is displayed: Setup could not determine the type of computer you have, or you have chosen to manually specify the computer type. Select the computer type from the following list, or select "Other" if you have a device support disk provided by your computer manufacturer. . . . => Other
4	Select Other. Press [Enter].	"Please insert the disk labeled Manufacturer-supplied hardware support disk into drive A:."
5	You have chosen to configure a computer for use with Windows NT using a device support disk provided by the computer's manufacturer. Select the computer type from the following list, or press [Esc] to return to the previous screen. =>DIGITAL Personal Workstation Family	You have chosen to change your computer type to one supported by a disk provided by a hardware manufacturer. "Please insert manufacturer-supplied hardware support disk."
6	Select DIGITAL Personal Workstation Family. Press [Enter].	Setup could not determine the type of one or more mass storage devices installed in your system, or you have chosen to manually specify an adapter. Currently, Setup will load support for the following storage devices: QLogic PCI SCSI Host Adapter <i>or</i> Adaptec Ahxxxx
7	Type "S" to select additional SCSI adapters (in this case, to select an IDE controller).	Select the SCSI Adapter you want from the following list, or select "Other" if you have a device support disk provided by an adapter manufacturer. . . . =>Other

Table 1: Starting a Windows NT Workstation Installation (continued)

Step	Action	Result or Displayed Text
8	Select Other. Press [Enter].	Please insert the disk labeled Manufacturer-supplied hardware support disk into Drive A:.
9	Insert the Adapter hardware support diskette (CMD CSA-64xxx IDE driver). Press [Enter].	You have chosen to configure a SCSI adapter for use with Windows NT, using a device support disk provided by an Adapter manufacturer. Select the SCSI Adapter you want from the following list, or press [Esc] to return to the previous screen. =>CMD CSA-64xx IDE Driver
10	Press [Enter] to continue.	Setup will load support for the following mass storage device(s)" QLogic PCI SCSI Host Adapter CMD CSA-64xx IDE Driver
11	Press [Enter] to continue.	Setup has determined that your computer contains the following hardware and software components: Computer: DIGITAL... Display: VGA-Compatible Keyboard: XT, AT, or Enhanced (83-104 keys) Keyboard Layout: US Pointing Device: MousePort Mouse No Changes: The above list matches my computer.
12	Select "The above list matches my computer." Press [Enter].	"The list below shows existing partitions and spaces available for creating new partitions."
13	Select the desired disk. Press [Enter].	Follow the on-screen instructions and continue the installation. For more information, refer to the <i>Microsoft Windows NT Workstation System Guide</i> .

If you are installing the operating system on a disk that has not been partitioned and formatted, refer to Table 2.

Table 2: Setting Up Partitions for a Windows NT Installation

Step	Action	Result
1	From the AlphaBIOS boot screen, press [F2].	AlphaBIOS setup screen displays.
2	Select Hard Disk Setup . . .	If disk 0 is not partitioned, a message asking if you would like to proceed with default disk partitioning displays.
3	Press [F10] to continue.	Express Setup Complete screen displays.
4	Press [Enter].	A list of disks, including partitions, displays.
5	Press [Escape].	AlphaBIOS setup screen displays. Refer to Table 1 to re-attempt a Windows NT installation.

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