



Installing or Reinstalling the Windows NT Operating System

To restore the factory installed Windows NT operating system to your disk, follow the steps outlined in this document.

CAUTION: Performing a completely new installation, including repartitioning your disk, may cause you to lose application programs and user files. For that reason, DIGITAL recommends that you reinstall the Windows NT operating system using the existing partitions, if possible. DIGITAL also does not recommend choosing to “Repair” the Windows NT operating system when that choice is presented, but to continue with the reinstallation..

Setting Up Partitions

You must decide whether you wish to install or reinstall the Windows N operating system on a normally partitioned and formatted disk, or if you wish to set up new partitions for a complete new installation of the Windows NT operating system, then refer to the appropriate table number indicated below. The normal disk 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.

If you want to:	Go to:
Reinstall or install Windows NT Workstation on a properly partitioned and formatted disk	Table 1
Set up partitions for a complete new Windows NT Workstation Installation	Table 2

Installing or Reinstalling the Operating System

The purpose of Table 1 is to get you started on your installation or reinstallation of the Windows NT operating system; it is not meant as a roadmap through the entire Setup procedure. The screens you will encounter and the order in which they are displayed are dependent upon the choices you make and your particular system’s configuration. Follow the Setup prompts as desired to meet your needs.

NOTES:

- ⇒ The AlphaBIOS console must be installed and running properly in order to install the Windows NT operating system; if AlphaBIOS is not functional, you must flash the firmware before proceeding.
- ⇒ Before beginning, be sure you have the following items readily available.
 - Microsoft Windows NT Workstation CD-ROM, (from QC-0QRAD-HW kit)
 - Microsoft Windows NT Workstation CD-ROM Service Pack 3, QB -5VRAA-WA
 - CMD CSA-64xx IDE Driver floppy diskette, AK-R2LJx-CA
 - Hardware Support (HAL) floppy diskette, AK-RISHx-CA
 - Graphic Support Services CD-ROM, AK-Q7ARL-TE

CAUTION: If you boot from a DIGITAL UNIX disk and also occasionally boot Microsoft Windows NT from another disk, use caution when you run the Windows NT Disk Administrator. When the Disk Administrator detects additional disks, it updates the system configuration. The Disk Administrator prompts you for permission to write a signature to the additional disks. Writing the signature to a DIGITAL UNIX disk *destroys* the boot block on that disk and makes the operating system on that disk no longer bootable. Select **NO** when you are asked if you want to write a signature to your DIGITAL UNIX disk.

Table 1 Starting a Windows NT Installation or Reinstallation

Step	Action	Result or Displayed Text
1	From the AlphaBIOS boot screen, press [F2].	AlphaBIOS setup screen displays.
2	Insert the Microsoft Windows NT Workstation CD-ROM, into the CD drive. [Enter]	CD-ROM drive is ready.
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 .	"Please insert the disk labeled Manufacturer-supplied hardware support disk into drive A:."
5	Insert the diskette; AK-RISHx-CA Press [Enter].	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 433a, 500a, 600a (Your screen may show a different series name.)
6	Select Digital Personal Workstation 433a, 500a, 600a. (Your screen may show a different series name.) 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
7	Type "S" to select additional devices. or Press [Enter] if you do not want to specify additional storage devices.	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
8	Select Other .	"Please insert the disk labeled "Manufacturer-supplied hardware support disk" into Drive A:."
9	Insert the floppy labeled "CMD CSA-64xx IDE Driver", AK-R2LJx-CA. 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. =>e.g., CMD CSA-64xx IDE Driver
10	Press [Enter].	Follow the screen prompts for mass-storage device-loading support.
11	To continue, Press [Enter].	Setup will load support for the following mass storage devices: Qlogic PCI SCSI Host Adapter CMD CSA-64xx IDE Driver

Table 1 Starting a Windows NT Installation or Reinstallation, *continued*

Step	Action	Result or Displayed Text
12	(DIGITAL does not recommend selecting [R] to repair Windows NT) Press [Enter].	Welcome to Setup. The Setup program for the Microsoft® Windows NT® operating system version 4.0 prepares Windows NT to run on your computer. To learn more about Windows NT Setup before continuing, press [F1]. To set up Windows NT now, press [Enter]. To repair a damaged Windows NT version 4.0 installation, press [R]. To quit Setup without installing Windows NT, press [F3].
13	Press [Enter].	Setup has recognized the following mass storage drives in your computer: Qlogic PCI SCSI Host Adapter CMD CSA-64xx IDE Driver
14	Press [Enter].	The Microsoft Windows NT licensing agreement displays.
15	Use the [Page Down] arrow keys to scroll through the Windows NT licensing agreement.	A message indicating your choices displays.
16	Press [F8] to indicate your acceptance of the licensing agreement.	A message indicating your choices displays.
17	Press [Enter].	Setup has found Windows NT on your hard disk in the directories shown below
18	Press [Enter].	Setup will now examine your hard disks for contamination.
19	Insert the disk, Press [Enter].	Please insert the disk labeled DIGITAL Alpha System Hardware Support Disk
20	Insert the disk, Press [Enter].	Please insert the disk labeled CMD CSA-64xx IDE Driver
21	Wait Follow any prompts which may appear.	Please wait while Setup copies files to your hard disk.
22	Press [Enter] to restart you computer	This portion of Setup has completed successfully
23	Follow the prompts to Setup you r reinstalled Windows NT operating system	The Widows NT operating system loads and starts.

Table 2 Setting Up Partitions for a New 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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