

# Drive Image Special Edition

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## Overview

PowerQuest Drive Image Special Edition (DISE) provides a way to restore your computer if you experience a hard disk crash or other system failure. Your computer manufacturer may have used Drive Image Special Edition (DISE) to create an image of everything that was installed on the computer at the time you purchased it. If the manufacturer created a factory image, it is saved on a separate partition on the hard disk. You can use DISE to restore the factory image and return your computer to the state in which it shipped from the manufacturer.

Although it is not necessary, you can use DISE to store an additional image file that you create. For example, if you install several applications and save data files on your hard disk, you can create a new image file that includes them and then save that image file on the hard disk. Then, in the event of a hard disk failure, you can restore the image that includes the applications and data files you use.

PowerQuest recommends that you create a Drive Image SE disk as a “rescue disk.” If your computer fails, you can boot and run DISE from the rescue disk.

## Creating a Drive Image SE Diskette

You can use a Drive Image SE disk to boot your machine and run DISE if your machine is unbootable or if you do not have access to Windows.

- 1 Insert a formatted floppy disk in your machine.

- 2 From the Drive Image Special Edition main window, click **Options** ► **Create Drive Image SE Diskette**.

## Running DISE from Diskettes

- 1 Insert the Drive Image SE Disk 1 in the floppy drive.
- 2 Reboot your computer.
- 3 Insert Disk 2, type DISE, then press <Enter>.

## Creating a Backup Image

You can create a backup image of your C:\ drive at any time. The C:\ partition must be a FAT, FAT32, or NTFS partition, and it must be directly before the backup partition on your hard disk.

- 1 At the Drive Image Special Edition main screen, click **Options** ► **Create New Backup**.

There may be a button on the main screen that performs the same function. The computer manufacturer determines which buttons appear on the main screen.

- 2 If the computer manufacturer chose to enable image file passwords, you will be prompted to type a password. Type a password (or leave the password fields blank), then click **OK**.

DISE displays a warning that it must go to DOS to create the image.

- 3 Click **Yes**.

DISE creates an image file in the backup partition. If you created a backup image previously, the new image overwrites the old one.

## Enlarging the Backup Partition

If there is not enough unused space in the backup partition on your hard disk, DISE will resize the partition. DISE will display the minimum, maximum, and recommended sizes for the backup partition. You choose the size you want.

DISE takes the space from the FAT, FAT32, or NTFS partition that you are backing up. If there is not enough unused space in that partition to take, you will not be able to resize the backup partition and create an image file. You can delete files from the FAT, FAT32, or NTFS partition to create more unused space on the hard disk.

## Restoring a Backup Image

You can restore either a factory image or a backup image you created. Be aware that restoring a backup image will replace the contents of the C:\ partition with the image you restore.

- 1 Disable virus protection software in the BIOS.

If virus protection software is enabled, DISE will hang.

- 2 From the DISE main window, click **Options > Restore Backup** to restore an image you created, or click **Options > Restore Factory Backup** to restore the factory image.

If the computer manufacturer did not create a factory image, that command will not appear on the Options menu.

DISE shuts down to DOS and restores the image file.