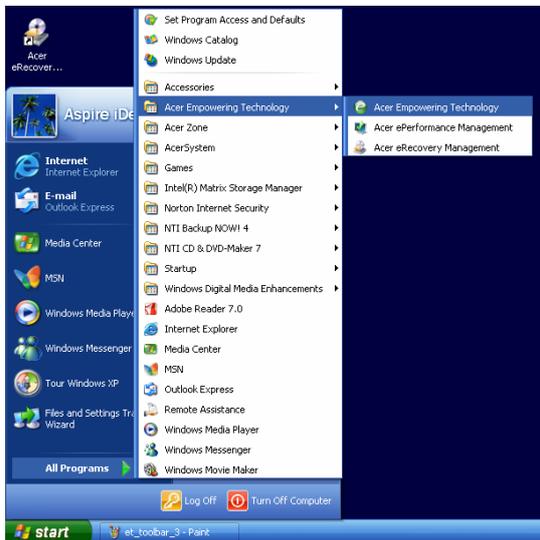# Acer eRecovery Management

The **Acer eRecovery Management** provides fast, reliable and safe method of restoring your computer to its factory default settings or user-defined system configuration from an image stored in a hidden hard disk drive partition, secondary partition or optical disks. **Acer eRecovery Management** also features an easy-to-use utility that backs up system settings, applications and data to the hard disk drive or to optical disks.

Using Acer eRecovery Management

Launching Acer eRecovery Management

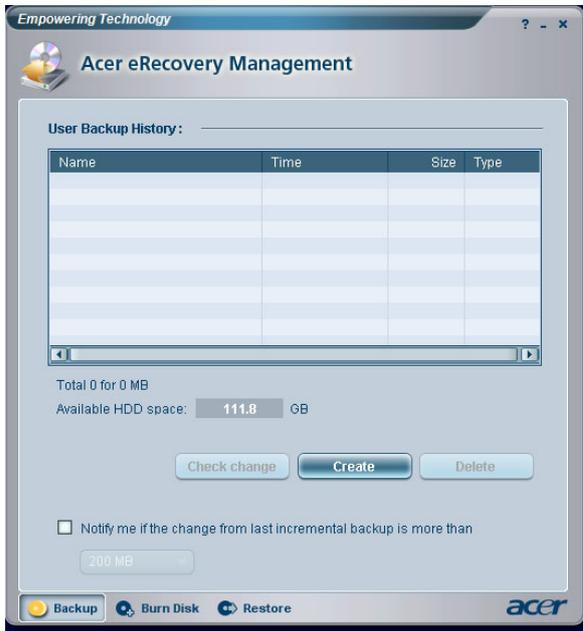To launch **Acer eRecovery Management**:

- Click **Start** > **All Programs** > **Acer Empowering Technology** > **Acer eRecovery Management**.

- Click on the Acer eRecovery Management icon in the Empowering Technology toolbar on the desktop.

The Acer eRecovery Management main page appears.

Note: During initial launch, the Acer eRecovery Management prompts you to create a password for your backup files. Follow screen instructions to continue.

Copying the factory default settings image

On initial launch, the utility prompts you to copy the factory default settings image saved in a hidden hard disk partition to an optical disk.
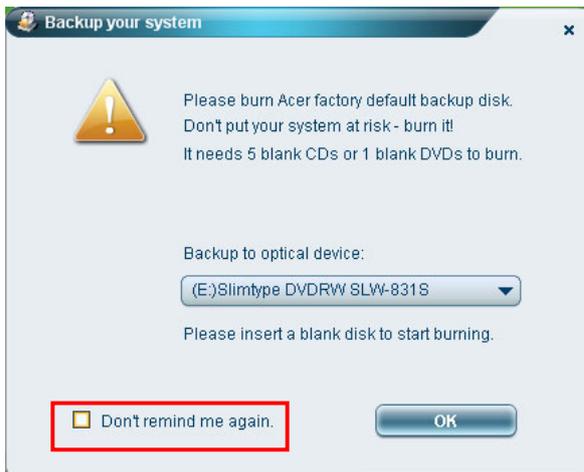
Insert the optical disk to the optical drive, then click **OK** to start burning. This function is disabled when the factory default setting image is copied, or when you check the **Don't remind me again** option.

Creating system backups

Creating a full backup

You can create a full backup image of the current system configuration including all applications, drivers and data. Create a full backup before installing new hardware or software applications to protect your system and data.

**Note:** Creating a full backup erases the previous backup file in the hard disk drive.

By default, the utility saves the backup image into the secondary hard disk drive partition. If there is insufficient space, the option is grayed out and a warning appears. Backing up the image into the HDD ensures easy system recovery, without the need for optical disks.

To create a full backup:

1. Click the **Backup** button at the bottom of the window, then click **Create**.
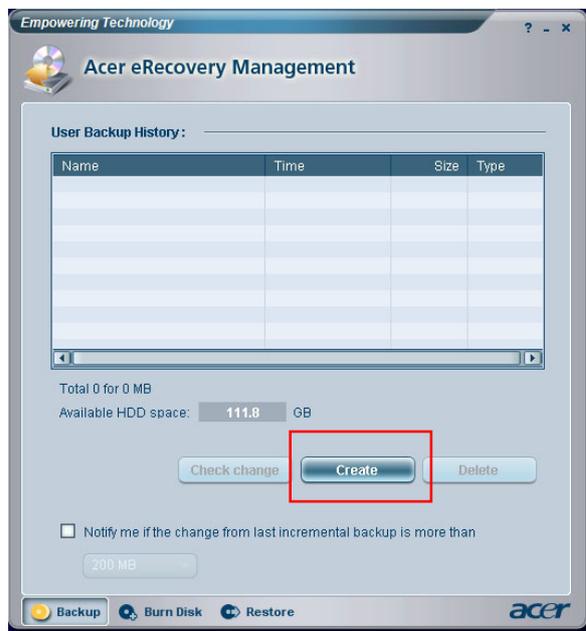
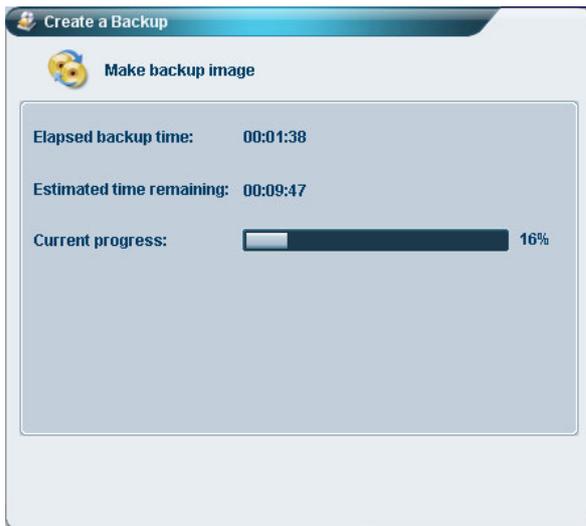2. Select **Full backup (slow)**, then click **Next**.
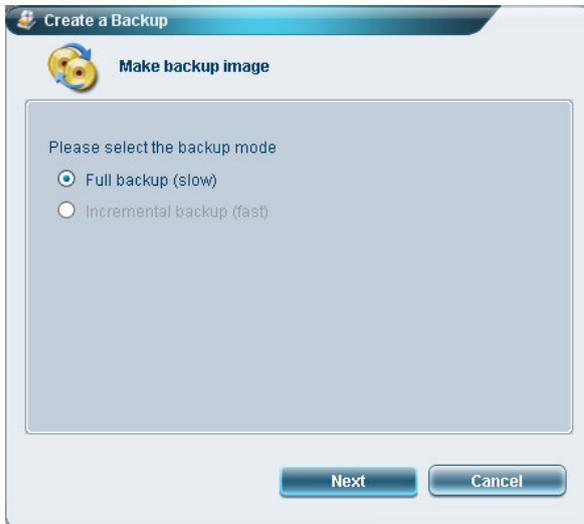
3. Enter a description of the backup image, then click **Next**.

4. When prompted, close all running applications, select **Yes**, then click **Next**.

The backup process starts.

A message appears when the backup process is finished, or when it fails.

Creating an incremental backup

Instead of a full system backup, you can create an incremental backup image of the current system configuration to save space. Regular incremental backups are recommended to protect your system and data, especially before installing a new hardware component or software application. You can create multiple incremental backup points on top of one another.

To create an incremental backup:

1.   Click the **Backup** button at the bottom of the window, then click **Create**.
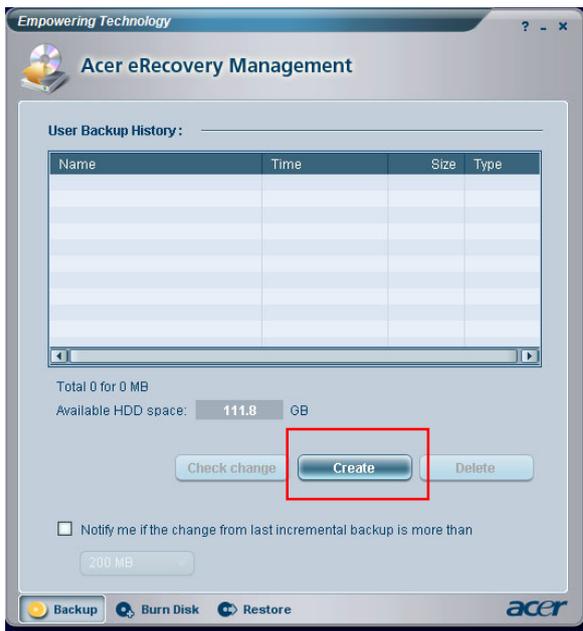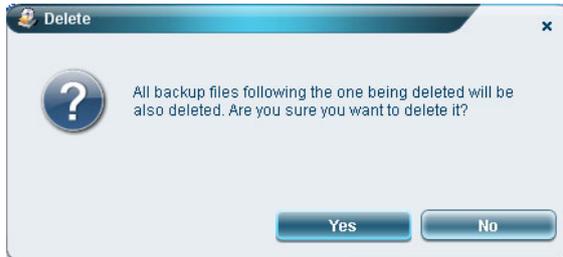

2.   Select **Incremental backup (fast)**, then click **Next**.
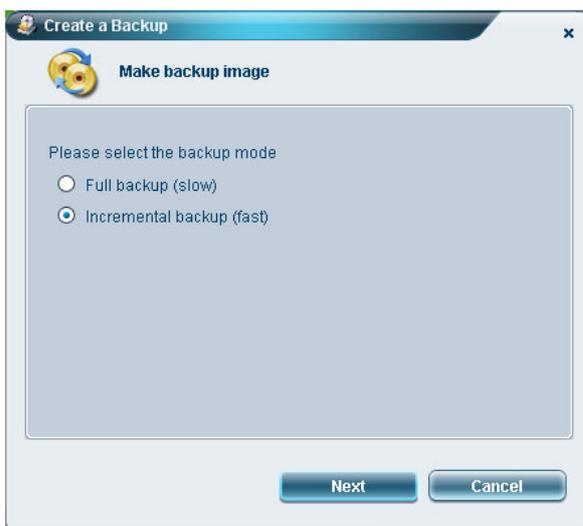
3. Follow steps 3 to 4 of the previous section.

Deleting a user-created backup point

You can delete a previously created backup image to free some HDD space. A confirmation message appears when you select this option. Click **Yes** to delete the backup image.

Copying to disks

The **Burn Disk** function allows you to copy factory default settings images, backup images, current system configuration or application backups to a CD/DVD.

To use the **Burn Disk** utility:

1. Click the **Burn Disk** button.

2. Select an option from the **Burn Disk** window. Refer to the options description below.
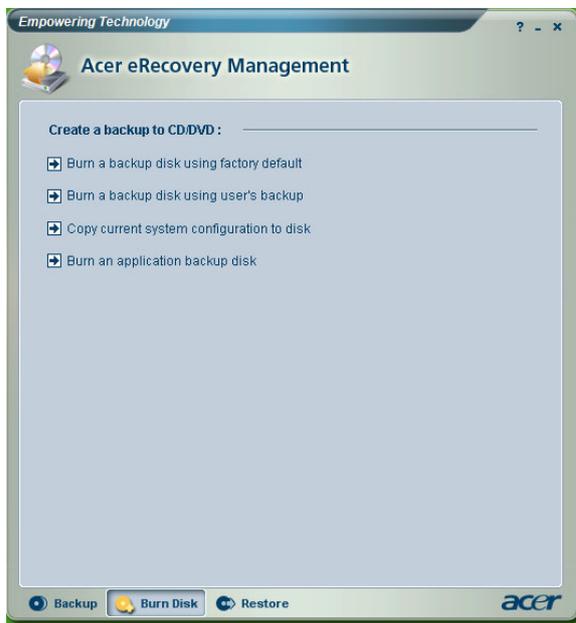
Burn a backup disk using factory default

The utility creates a backup disk containing the factory default settings. Select this option if you disabled copying the factory default settings image when you first launch the Acer eRecovery Management.

Burn a backup disk using user's backup

The utility copies the user's backup image to the optical disk. You can restore the system to the desired backup point using this disk.

Copy current system configuration to disk

The utility copies the current system configuration to the optical disk. This option creates a temporary backup point with the current system configuration without replacing the previous full backup point.

Burn an application backup disk

The utility backs up all applications and drivers to the optical disk.

Restoring the system

The **Restore** function allows you to restore the system configuration using the factory default settings images, backup images, current system configuration or application backups copied in the CDs/DVDs.

To restore the system:

1.   Click the **Restore** button.

2.   Select an option from the **Restore** window. Refer to the options description below.
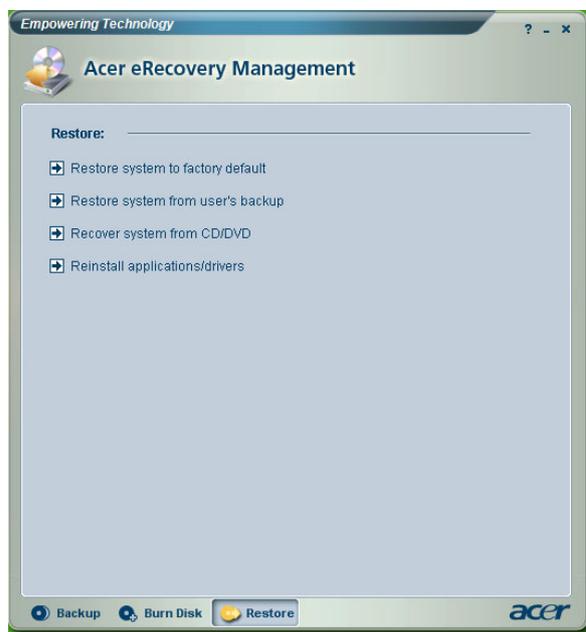
Restore system to factory default

Select to restore the computer to its original state. All previously installed programs and saved data will be lost. When selected, the computer reboots and restores the system from the image in the hidden hard disk drive partition.

Restore system from user's backup

Allows you to restore the system using the most recent backup image you created. When selected, the backup image information appears below the option.

Recover system from CD/DVD

Allows you to restore the system using the backup image on the optical disk. When selected, the computer reboots from the optical drive. The utility prompts you to insert the backup disk, if not loaded in the optical drive.

Reinstall applications/drivers

Allows you to reinstall a damaged application or device driver. Acer eRecovery Management extracts the data from the hidden hard disk drive partition. This process may take a few minutes and may disable the keyboard and mouse to ensure system stability.

Other system restore modes

You may also restore the system from the WinPE environment or through the hidden partition main page.

Restoring the system from WinPE environment

If the system fails to boot, you can restore the system from WinPE environment. The system boots from the hidden hard disk drive partition to start recovery.

Note: You are prompted to enter the password before system restore starts. Failure to enter the correct password three times reboots the computer to the operating system.

Hidden partition main page

Press <Alt> + <F10> during POST to boot the system from the hidden hard disk drive partition and access the hidden partition main page.

Note: You must enter the password to access the hidden partition main page.

The hidden partition main page offers three options to restore the system: restore to factory default settings, restore from user's backup, or restore from backup CD/DVD.

Restore system to factory default settings

To restore system to factory default settings:

1. Select this option, then enter the password. The utility restores the system from the factory default settings image in the hidden hard disk drive partition.

2. When prompted, confirm system recovery. A message appears to tell you that you will lose all data on the drive. The utility then restores the system to its original state.

Restore system to user's backup

1. Select this option, then enter the password. The utility restores the system from the user's backup image in the second hard drive partition.
2. When prompted, confirm system recovery. A message appears to tell you that you will lose all data on the primary partition. The utility then restores the system to the most recent user backup.

Restore system from CD/DVD

1. When selected, insert the first backup disk to the optical drive.
2. Confirm system recovery when prompted. A message appears to tell you that you will lose all data on the primary partition. The utility then restores the system from the backup image in the CD/DVD.
3. Insert the other disks when prompted.

Note: If you are restoring the system to its factory default settings saved in CDs/DVDs, Acer eRecovery Management prompts you to insert disk 2 to start.