

# Computer Restore Procedure



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# Section 1 Introduction

## Purpose of document

The purpose of this document is to present a restore procedure for the computer. In case of a computer failure, having a Backup of the computer will facilitate and accelerate the reinstallation of all the components that were present prior to the failure.

Prior to shipment, a backup of the computer is performed at factory. However, it is a good practice to perform backups on a regular basis.

All computers are backed up with the same procedure.

Section 1 of this document presents the Restore procedure for a all computers.

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# Section 1 Restore Procedures

## For All Computers

### Checklist

Before proceeding with the restore procedure, make sure to comply with the following requirements:

- a. DVD reader
- b. Bootable DVD including the computer backup image
- c. Any computer



In some systems, booting from CD is disabled in the BIOS or this option is password protected. To perform the following steps, make sure you can boot from a CD or have the BIOS password on hand.

- STEP 1 Start the computer.
- STEP 2 Insert bootable **Computer Backup** DVD into computer DVD reader.
- STEP 3 Click **Restore**.



Restoration may take a few minutes.

- STEP 4 When prompted, click **Exit** to complete the restoration.
- STEP 5 Remove **Computer Backup** DVD from computer DVD reader.
- STEP 6 Restart the computer when prompted to reboot.
- STEP 7 When computer has rebooted, open [Start>Settings> Control Panel > Administrative Tools> Computer Management](#)
- STEP 8 Select **Disk Management**.
- STEP 9 Check partitions names:
- ABB is C:

- Virtual Memory should be V:
- Data should be D:
- Mirror should be E: (if applicable)

If partitions are not defined as above, perform the following steps.

**Virtual memory partition (V:)**

- a. Right-click the **Virtual Memory** partition.
- b. Select **Change Drive Letter and Paths**.
- c. Click **Change**.
- d. Select the letter **V**
- e. Click **Ok**
- f. Click **Yes** to accept the change.

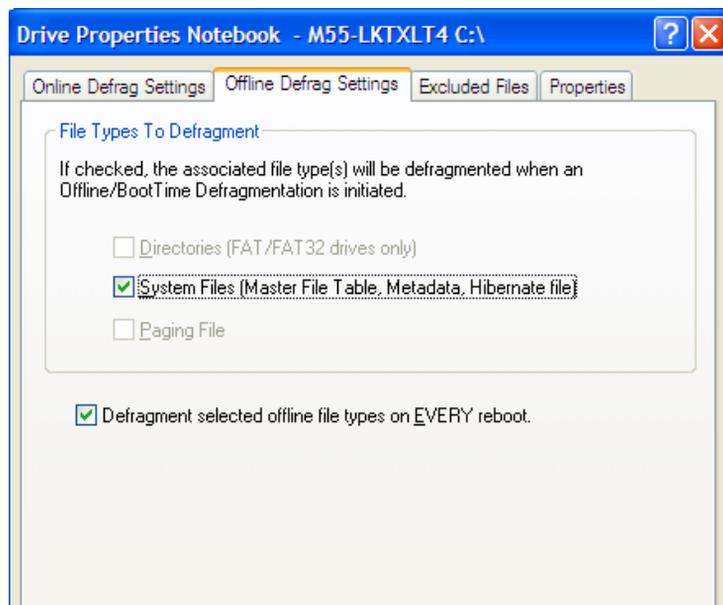
**Data partition (D:)**

- a. Right-click the **Data** partition.
- b. Select **Change Drive Letter and Paths**.
- c. Click **Change**.
- d. Select the letter **D**
- e. Click **Ok**
- f. Click **Yes** to accept the change.

**Mirror partition (E:) (if applicable)**

- a. Right-click the **Mirror** partition.
- b. Select **Change Drive Letter and Paths**.
- c. Click **Change**.
- d. Select the letter **E**
- e. Click **Ok**

- f. Click **Yes** to accept the change.
- STEP 10 Open **Start > Programs > Perfect Disk**
- STEP 11 In the drives list, double-click on **ABB (C:)**
- STEP 12 In the **Offline Defrag Settings** tab, check the following options, then click **OK**:



*Figure 2- 1. Offline Defrag Settings tab*

- STEP 13 Repeat steps **Step 10** to **Step 12** for the following partitions
- Data (D:)
  - Mirror (E:) (If applicable)
- STEP 14 In the drives list, double-click on **Virtual Memory (V:)**

STEP 15 In the **Offline Defrag Settings** tab, check the following options, then click **O**

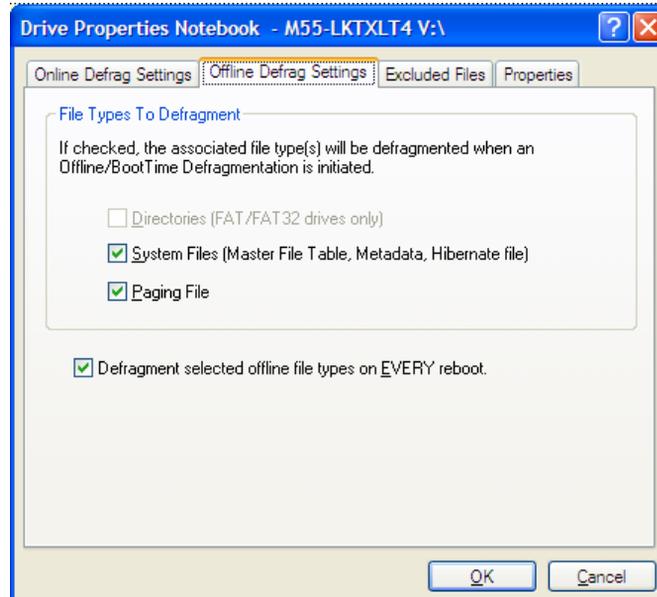


Figure 2- 2. Offline Defrag Settings tab

- STEP 16 In the schedule list, double-click on the **DailyDefrag** schedule.
- STEP 17 Click **Edit Schedule**.
- STEP 18 A Wizard might pop up. In that case uncheck “**Always start Wizard**” and click **Next**.
- STEP 19 Make sure the drives C, D (and E if applicable) are selected.
- STEP 20 In the **Schedule Once** tab, select the current date and current time plus between 5 and 10 minutes.
- STEP 21 Set maximum duration to 0.1.
- STEP 22 Click on **OK**, close Perfect Disk
- STEP 23 Reboot the computer.

STEP 24 Perfect Disk will defragment the disk on reboot (this may take several minutes).

STEP 25 After reboot wait 15 minutes.

STEP 26 Click **Start>RUN...** and enter the following:

`c:\Bomem\Enablir\LaunchDefrag.bat`

This procedure takes approximately 6 minutes and then you can start using the system.





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