

# **Intel® Turbo Memory Card – 2GB**

Integration Guide

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# System Requirements

## •Hardware

- **Mobile Intel® 4 Series Express Chipset**
- **2GB Intel® Turbo Memory card**
- **At least one Serial ATA hard drive**
- **Available PCI Express mini-card slot**

## •Software

- **System BIOS with AHCI and Intel® Turbo Memory support (Note: support documented in BIOS Writer's Guide, doc #24766) <sup>1</sup>**
- **Disk-Filtering option ROM (DFOROM) <sup>2</sup>**
- **Intel® Turbo Memory driver <sup>2</sup>**
- **Intel® Matrix Storage Manager driver <sup>2</sup>**

<sup>1</sup> BIOS must be in Enhanced AHCI mode

<sup>2</sup> Included in the Intel® Turbo Memory software package



# Integration Steps


## Precautions:

Ensure there is no power source connected to the notebook.


Take the necessary steps to minimize risk of electrostatic discharge (ESD).

|   |   |  |
|---|---|--|
| 1 | Remove the battery pack.  |  |
| 2 | Remove the main panel located on the underside of the notebook. |  |

# Integration Steps – cont.

|                 |   |   |
|-----------------|---|---|
| <p><b>3</b></p> | <p><b>Insert the Intel® Turbo Memory card into a mini-PCIe slot at a slight angle and ensure that the card is properly seated in the slot.</b></p> <p><b>Note: Consult your system documentation for mini-PCIe information for your particular model.</b></p> |  |
| <p><b>4</b></p> | <p><b>Gently press downward so the card is properly seated in the socket.</b></p>   |   |

## Integration Steps – cont.

|          |   |   |
|----------|---|---|
| <b>5</b> | <b>Insert two screws into the holes at the end of the card and tighten.</b> |  |
| <b>6</b> | <b>Replace the main panel and the battery pack.</b>                         |   |

# Integration Steps - Software

**Once the Intel® Turbo Memory card is integrated into the system and Microsoft Windows Vista\* has been installed, you will need to do the following:**

- 1. Install the Intel® Turbo Memory software package. Follow the installation instructions and allow the system to reboot as directed.**
- 2. Allow the system to sit idle until the drivers are loaded and a Microsoft\* Windows\* prompt stating "You must restart your system to apply these changes" appears. Select the "Restart Now" option and allow the system to reboot.**
- 3. Open the Intel® Turbo Memory Console. (Start -> All Programs -> Intel® Turbo Memory -> Intel® Turbo Memory Console)**
- 4. Confirm that Microsoft Windows ReadyDrive\* and Microsoft Windows ReadyBoost\* are enabled.**

