

Intel[®] 600 OptaneTM Memory USER GUIDE

Motherboard

Contents

Intel [®] Optane™ Memory Configuration	3
System Requirements	3
Installing the Intel® Optane™ memory	3
Removing the Intel [®] Optane™ memory	5
Notices	6
Copyright	6
Revision History	6

Intel[®] Optane[™] Memory Configuration

Intel[®] Optane[™] memory is a technology which allows the system to access the data more quickly. It enables the computer to store commonly used data and programs, and keeps them even after powering off the computer. This user guide will describe how to install and remove the Intel[®] Optane[™] memory.

System Requirements

- Intel[®] Optane[™] memory ready MSI[®] motherboards
- Supported 10th Gen, or newer versions of Intel® Core™ i Processor
- Operating system: Windows 10/ 11 64-bit (UEFI mode)
- Intel[®] Optane[™] Memory Module

Installing the Intel[®] Optane[™] memory

The following details how to enable the Intel® Rapid Storage Technology.

- 1. Update BIOS (refer to the Updating BIOS section in BIOS user guide).
- 2. Install the Intel[®] Optane[™] memory module.
 - Power off the system.

Refer to Specifications section for location to install your Intel[®] Optane[™] memory module.

- Install the Intel[®] Optane[™] memory module into the M.2 slot.
- 3. Enable Intel[®] Optane[™] Memory.
 - Power on and press **Delete** key to enter BIOS Setup menu.

Go to BIOS > SETTINGS > Advanced > Integrated Peripherals > RAID
 Configuration (Intel VMD) > Enable RAID/Optane Function and change setting to Enabled.

- Click **0k** in the dialog.
- Press F10 to save configuration and exit.
- 4. Install the Intel[®] Rapid Storage Technology.
 - Reboot the operating system.
 - Insert MSI Drive disc/ USB Drive into the optical drive/ USB port.

 Click Select to choose what happens with this disc pop-up notification, then select Run DVDSetup.exe to open the installer. If you turn off the AutoPlay feature from the Windows Control Panel, you can still manually execute the DVDSetup.exe from the root path of the MSI Drive disc/ USB Drive.

- Under Drivers/Software tab, check Intel RAID Drivers check-box.
- Click the Install button.
- When prompted to restart, click **OK** button.
- Reboot the system.

- 5. Enable Intel[®] Optane[™] Memory.
 - Run the Intel[®] Rapid Storage Technology software.
 - □ Click Intel[®] Optane[™] Memory tab and click Enable.
 - Click Yes in the dialog.

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6. Reboot the system.



After you enable $Intel^{@}$ OptaneTM memory, please note the following to prevent damage to your operating system.

- DO NOT revert back to older version of the BIOS.
- DO NOT remove the Intel[®] Optane[™] memory module.
- DO NOT replace the CPU that is not supported by Intel[®] Optane™ Memory.

Removing the Intel[®] Optane[™] memory

If you no longer want to use Intel[®] Optane[™] memory, you have to disable the Intel[®] Optane[™] memory before removing the Intel[®] Optane[™] memory module to avoid damage to the operating system. Please follow the steps below to remove the Intel[®] Optane[™] memory.

1. Disable Intel[®] Optane[™] Memory.

□ Disable Intel[®] OptaneTM Memory via the Intel[®] OptaneTM memory application (Intel[®] Rapid Storage Technology).

• Click Yes in the dialog.

Intel® Rapid Storage Technology Status Manage Intel® Optane [™] Memory Performance Preferences	Help	- • ×
Intel® Optane [™] Memory Intel® Optane [™] memory status enabled. Disatue	Intel® Optane [™] Memory View Intel® Optane [™] Memory Array 3,726 GB	Intel® Optane [®] Memory Volume Type: Intel® Optane [®] Memory 3/26 68
Intel® Repid Storage Technology Disabling intel® Optane ¹⁴ memory will take some time and in be lost during this process. Do you want to disable intel® Opt	egatively impact system performance. No data will ane ^w memory now?	
More help	Yes No	

- Reboot the system.
- 2. Disable Intel[®] Optane[™] Memory.
 - Press Delete key to enter BIOS Setup menu during POST.

Disables Intel[®] Optane[™] Memory in the path : BIOS > SETTINGS > Advanced > Integrated Peripherals > RAID Configuration (Intel VMD) > Intel(R) Optane(TM) Memory.

- Click **0k** in the dialog.
- Press F10 to save the configuration and exit.
- 3. Remove the Intel[®] Optane[™] memory module.
 - Power off the system.
 - Remove the Intel[®] Optane[™] memory module.

Notices

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Revision History

Version 1.0, 2021/08, First release