

A large, stylized red dragon logo is positioned on the left side of the image. The dragon is depicted in a dynamic, coiled pose, facing right. It has sharp horns, a fierce expression with bared teeth, and a long, flowing tail. The entire logo is rendered in a vibrant red color with a slight glow effect against the black background.

*msi*<sup>®</sup>

# How to install optane memory under pure OS

**BeaT**

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How to enable optane  
memory

# Prepare



- System is must be support optane memory.
- OS is installed by you self(Cannot use MSI HDD image.)
- Please don't install **RST** driver.  
If has RST driver in control panel, please remove it first.
- If system is MSI aegis 3 or Nightblade M13, please flashing BIOS to **v9xx** first.

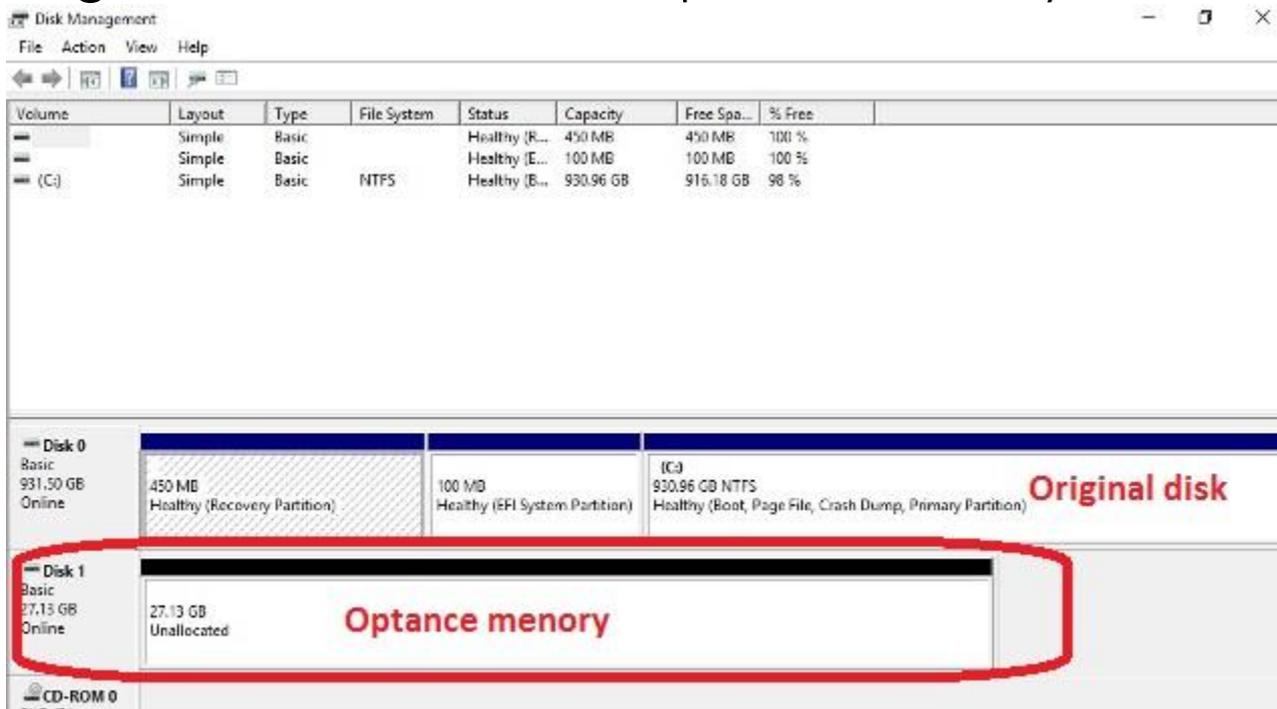
## Step 1: Install Optane Memory

- Please install Optane Memory with M.2 PCIE SSD only port.
- Don't install with M.2 PCIE/SATA SSD port.



## Step2: Check it on Disk Management

- It should be with 2 disk in disk management.
- One is original disk and other is optane memory.



Disk Management window showing the following table:

Volume	Layout	Type	File System	Status	Capacity	Free Spa...	% Free
	Simple	Basic		Healthy (R...	450 MB	450 MB	100 %
	Simple	Basic		Healthy (E...	100 MB	100 MB	100 %
(C:)	Simple	Basic	NTFS	Healthy (B...	930.96 GB	916.18 GB	98 %

Disk	Layout	Type	File System	Status	Capacity	Free Spa...	% Free
Disk 0	Basic	Basic		Online	931.50 GB		
	450 MB	Healthy (Recovery Partition)			100 MB	Healthy (EFI System Partition)	
			(C:)		930.96 GB	NTFS	
					Healthy (Boot, Page File, Crash Dump, Primary Partition)		
Disk 1	Basic	Basic		Online	27.13 GB		
	27.13 GB	Unallocated					

**Original disk** (Disk 0)

**Optane memory** (Disk 1)

## Step3: Download Intel Setup Optane Memory Tool

- Boot system up and download Intel Setup Optane Memory tool.
- Downloads for Intel® Optane™ Memory
- <https://downloadcenter.intel.com/product/99745/Intel-Optane-Memory>
- Download Intel tool – **SetupOptaneMemory.exe**
- <https://downloadcenter.intel.com/download/26730/Intel-Rapid-Storage-Technology-Intel-RST-?product=99745>

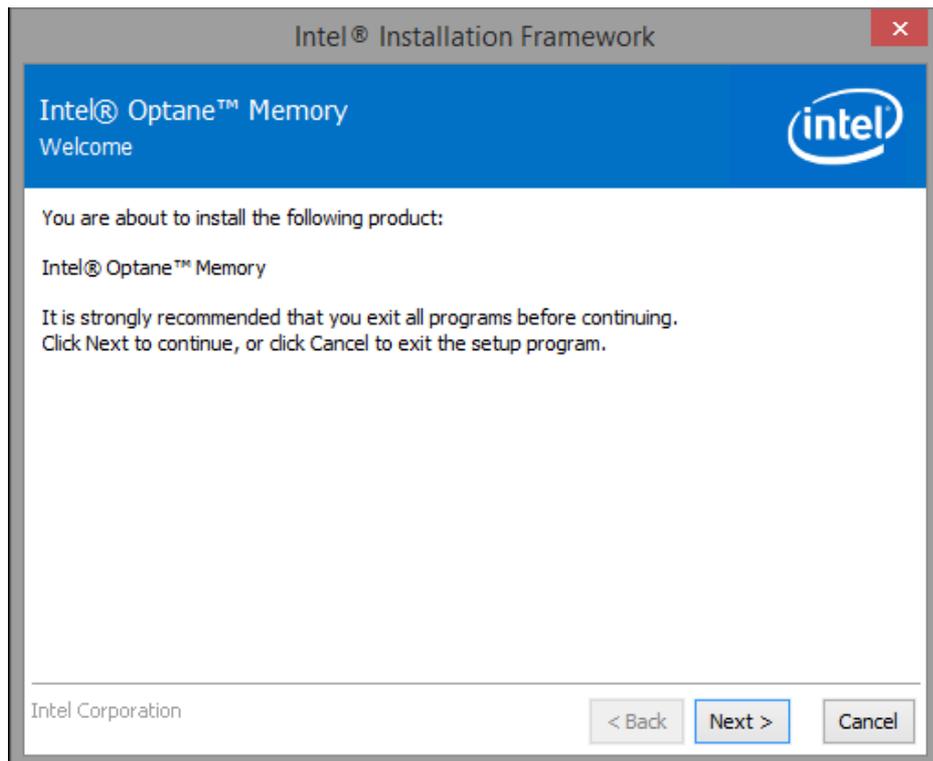
## Step4: Open Intel Setup Optane Memory Tool

- Please double click **SetupOptaneMemory.exe**.
- Then click **Run** button.



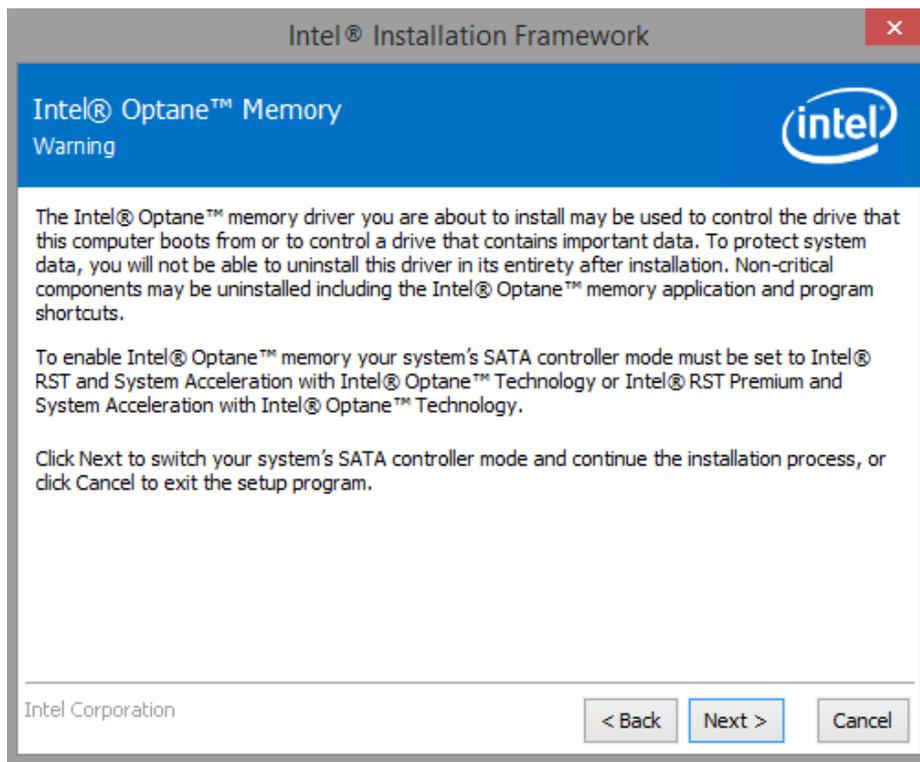
## Step5: Welcome Screen

- Please click **Next** button under Welcome screen.



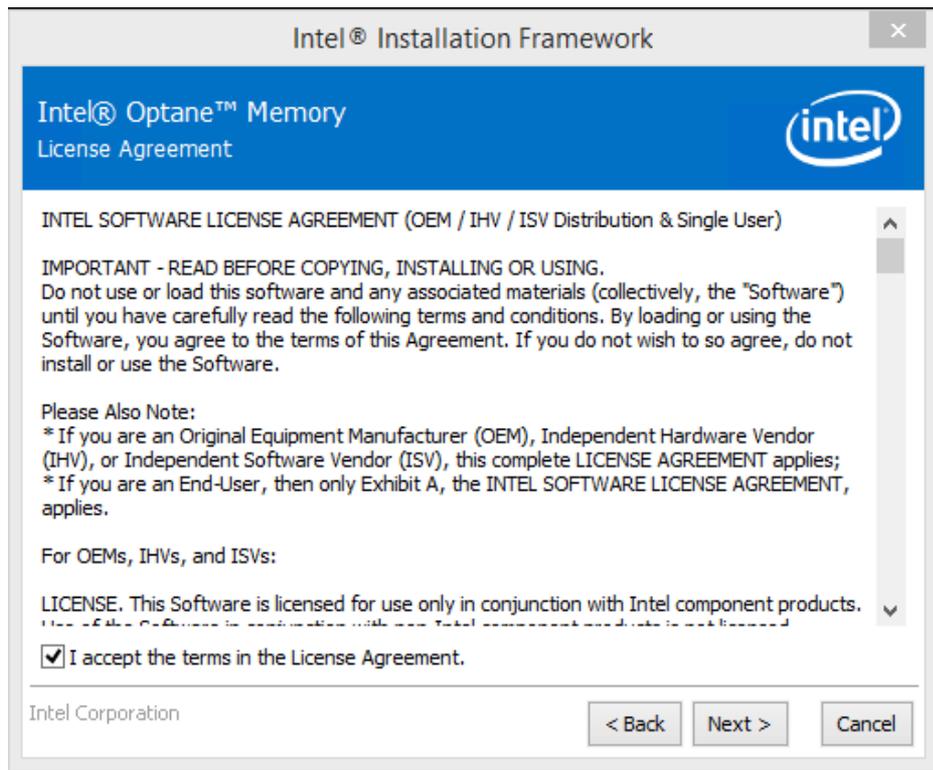
## Step6: Warning Screen

- Please click **Next** button in Warning screen.



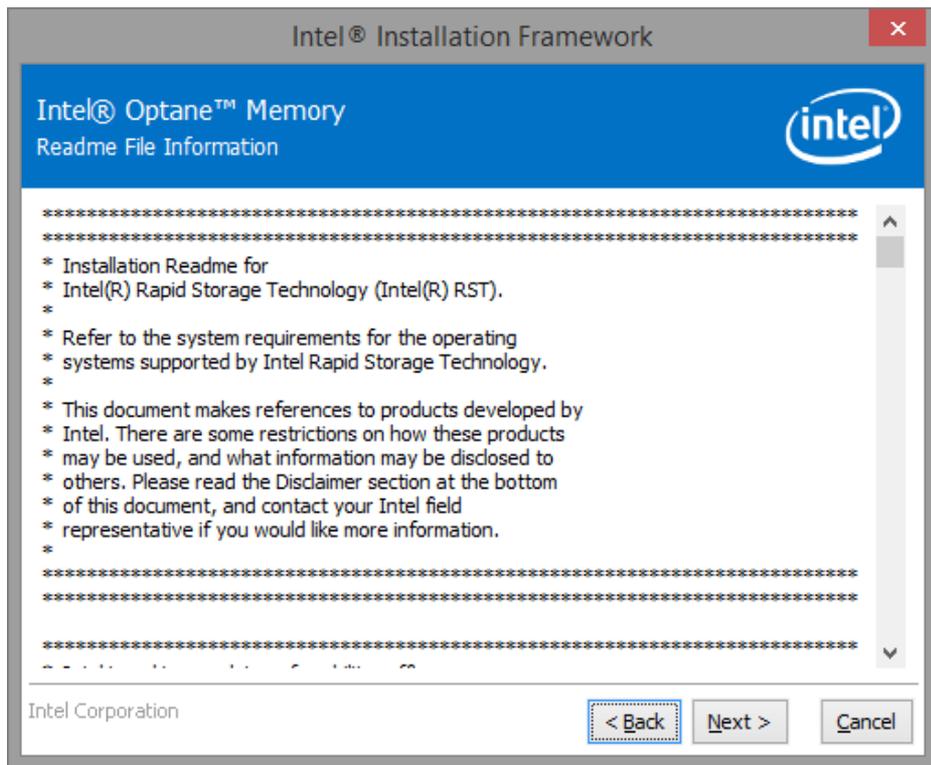
## Step7: License Agreement Screen

- **Accept the license agreement** and click **Next** to continue.



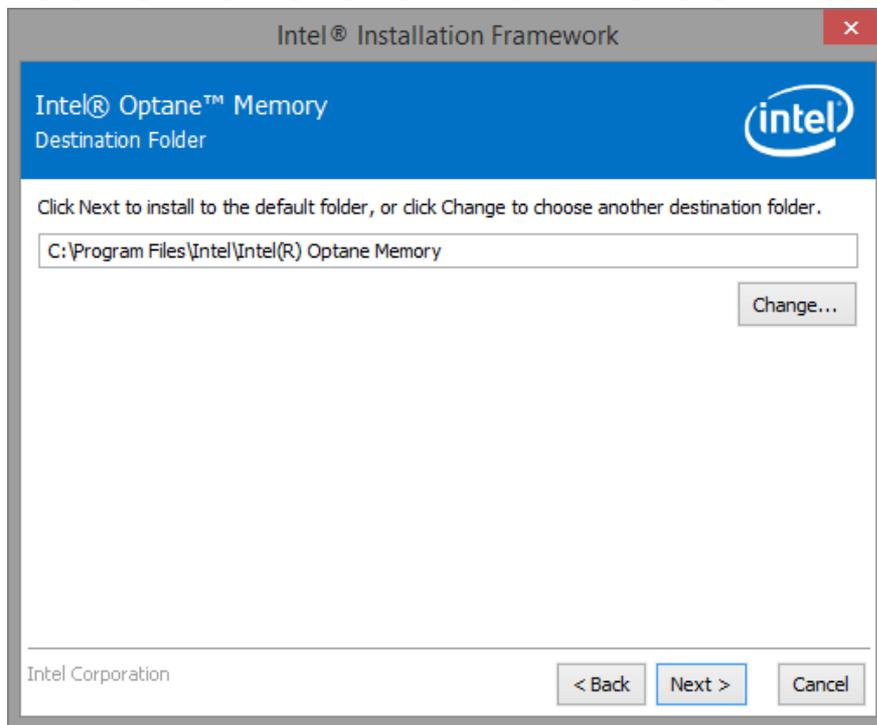
## Step8: Readme File Information

- Read and click **Next** to continue.



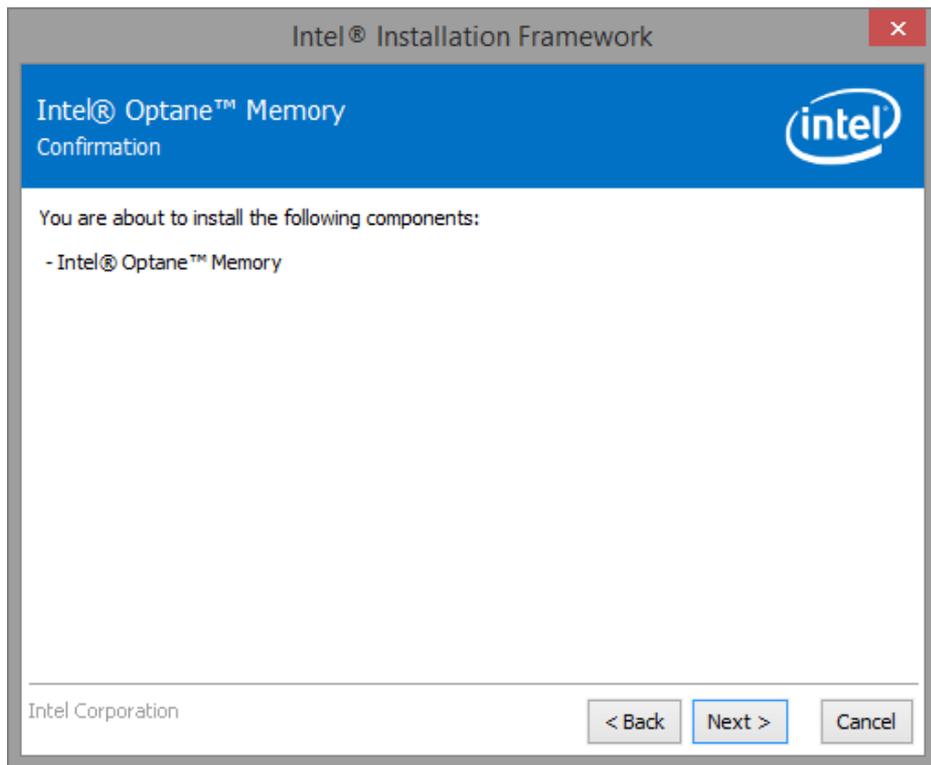
## Step9: Destination Folder

- Specify the destination folder to install the Intel® Optane™ memory application and click **Next** to continue.



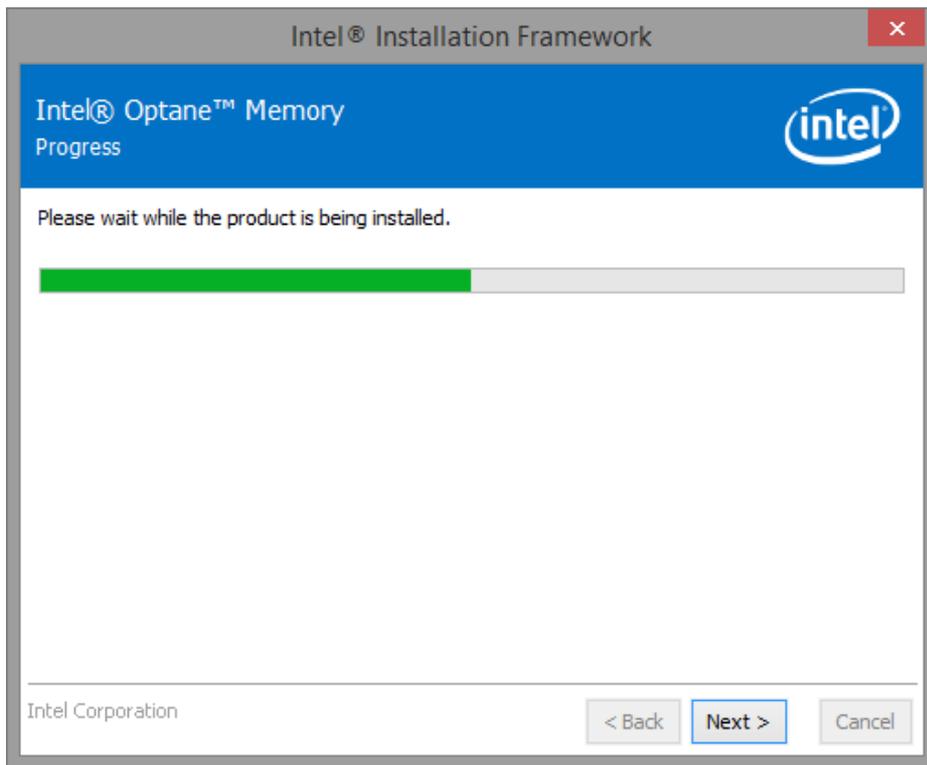
## Step 10: Confirmation Screen

- Click **Next** to continue.



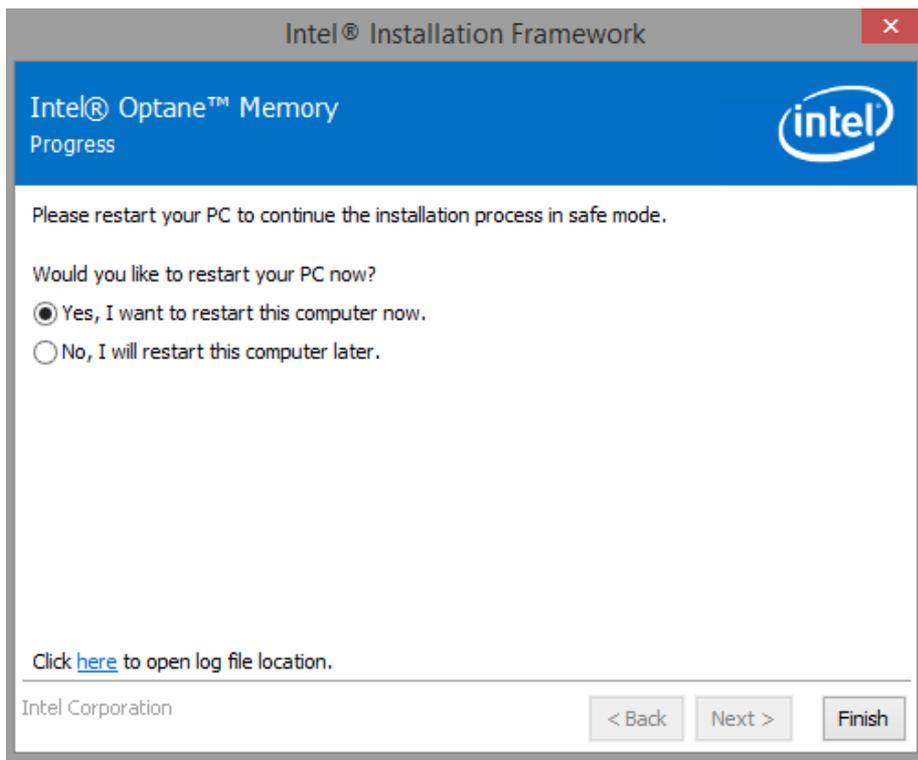
## Step 11: Progress Screen

- Installation is now in progress, once finished the next screen will appear.



## Step 12: Restart to Safe Mode

- Select **Yes** and click **Finish** to restart your system in safe mode.



## Step 13: Restarting

- After restarting the system, installation will continue in safe mode. After completing installation there will be another automatic restart of system. After the second restart you can use Intel® Optane™ memory application as described.



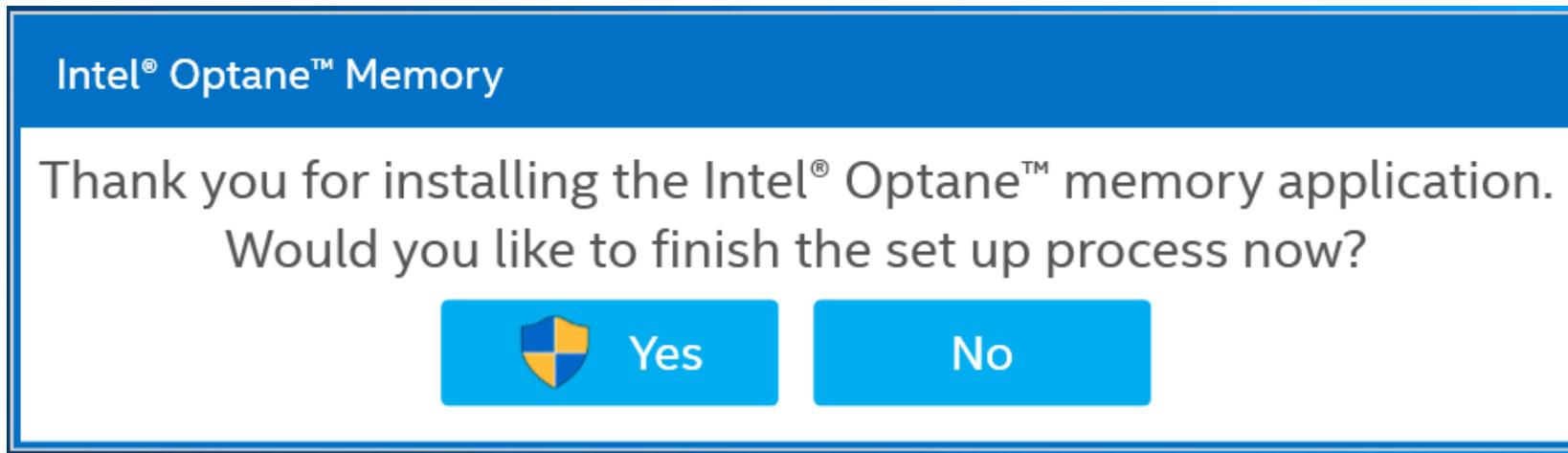
## Step 13: Restarting



- **Note:** After the second restart, the Intel® Optane™ memory application may take several seconds to pop up. If the the Intel® Optane™ memory application does not pop up automatically, it can be launched manually by searching for 'Intel® Optane™ memory in Windows\* File Search.

## Step 14: Install Optane Memory Application

- This popup appears after installing the package and restarting the system. (Please wait one minutes after restarting.)
- If you click “**Yes**”, application will open with the view from figure below.



## Step 15: Do You Want to Allow This Application

- Please click “**Yes**”.



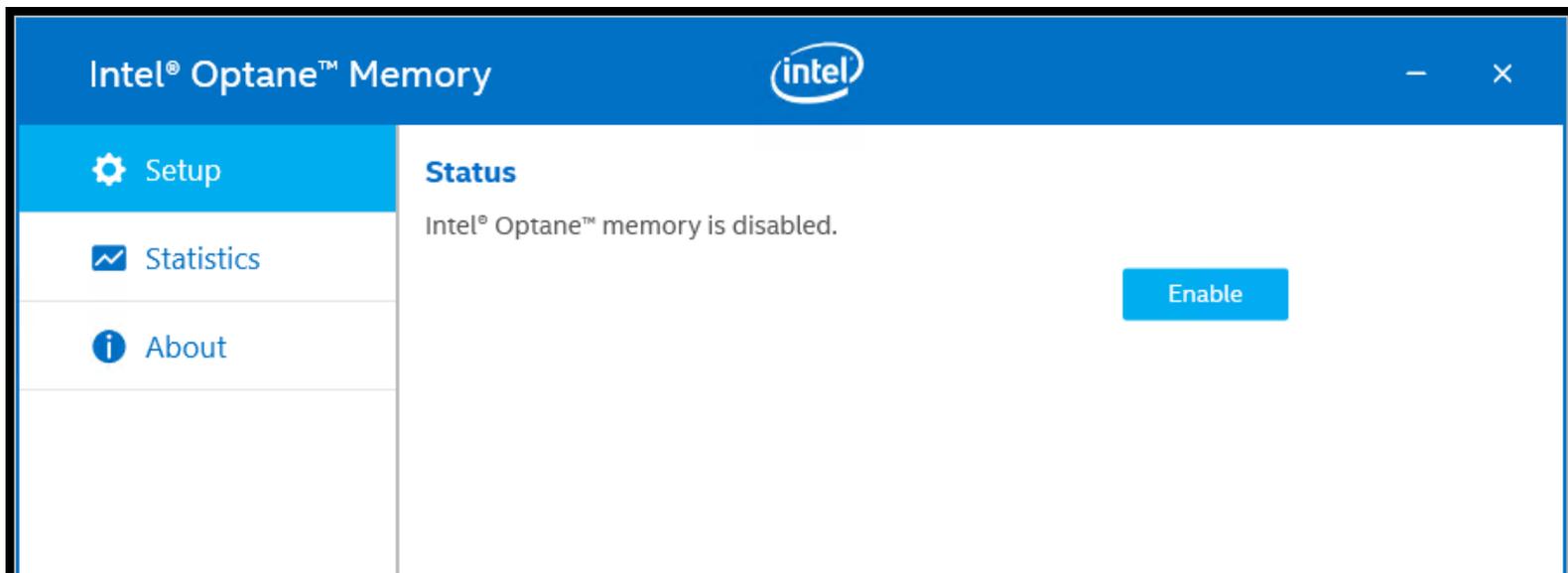
## Step 16: Initialization of Application

- You can open the application by clicking “Yes” on the popup described after installing the package in Chapter 4 or you can open the application from the shortcut “Intel® Optane™ memory” from menu start.



## Step 17: Enable View

- This view will only appear when there is only one Intel® Optane™ memory module installed in your system.
- Click **Enable** to enable Intel® Optane™ memory.

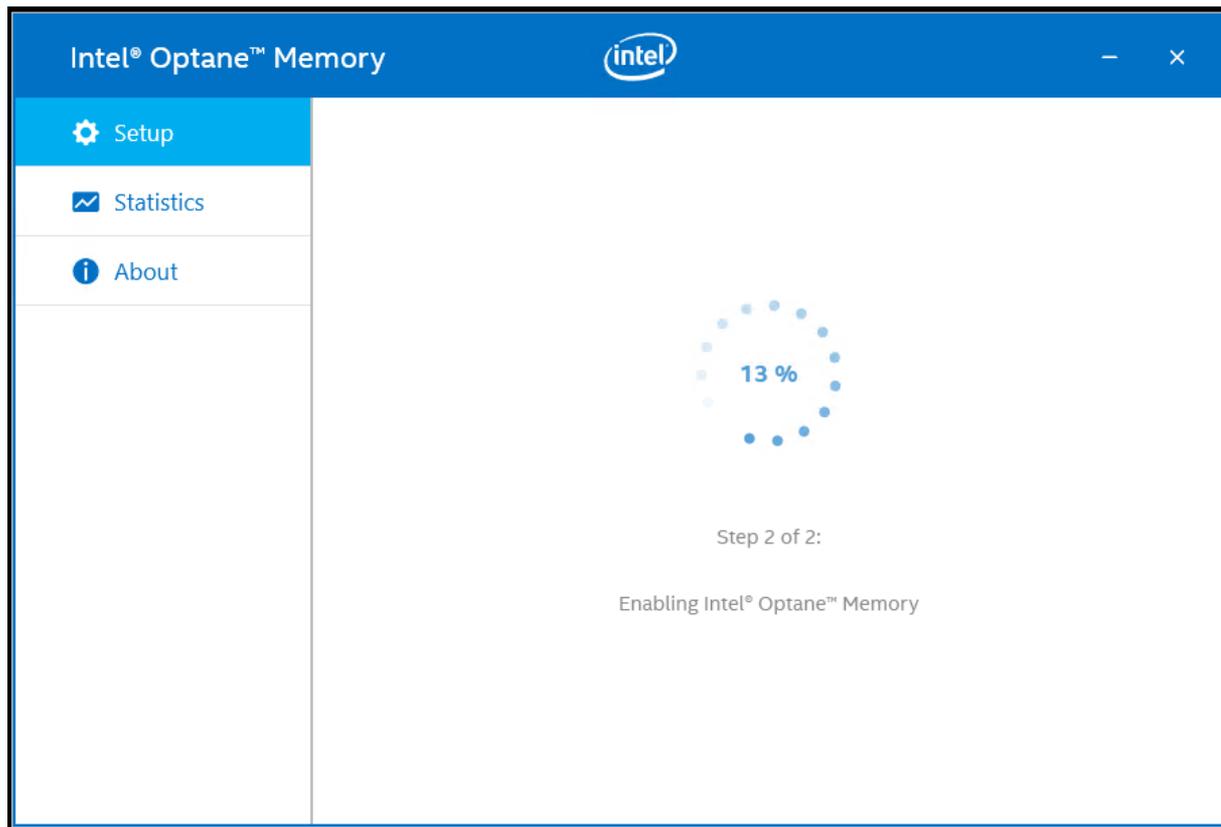


# Step 18: Warning View

- Click **YES** button.

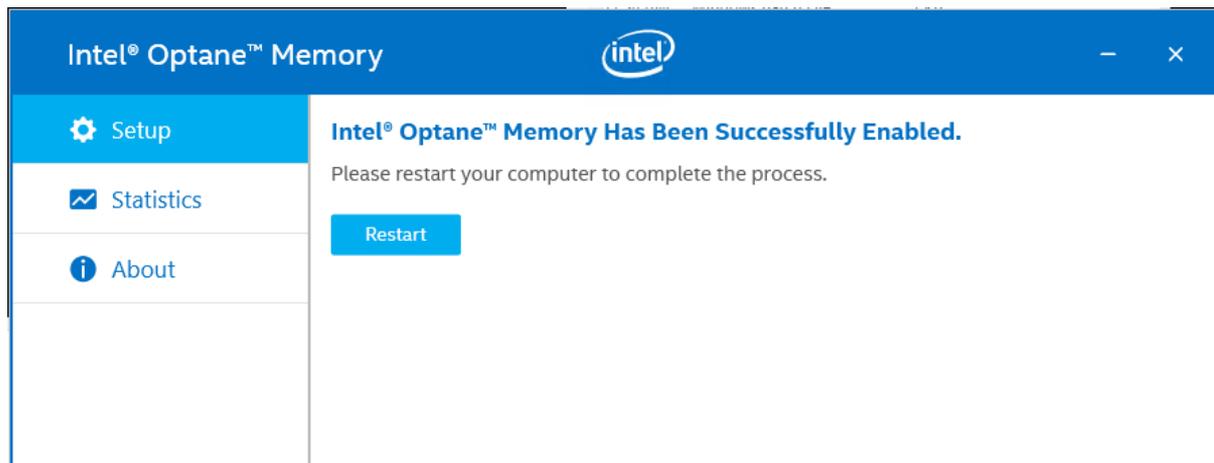


# Step 19: Enabling Progress Screen



## Step20: Reboot Screen

- Occurs after enabling is completed. Please Click **Restart** button.



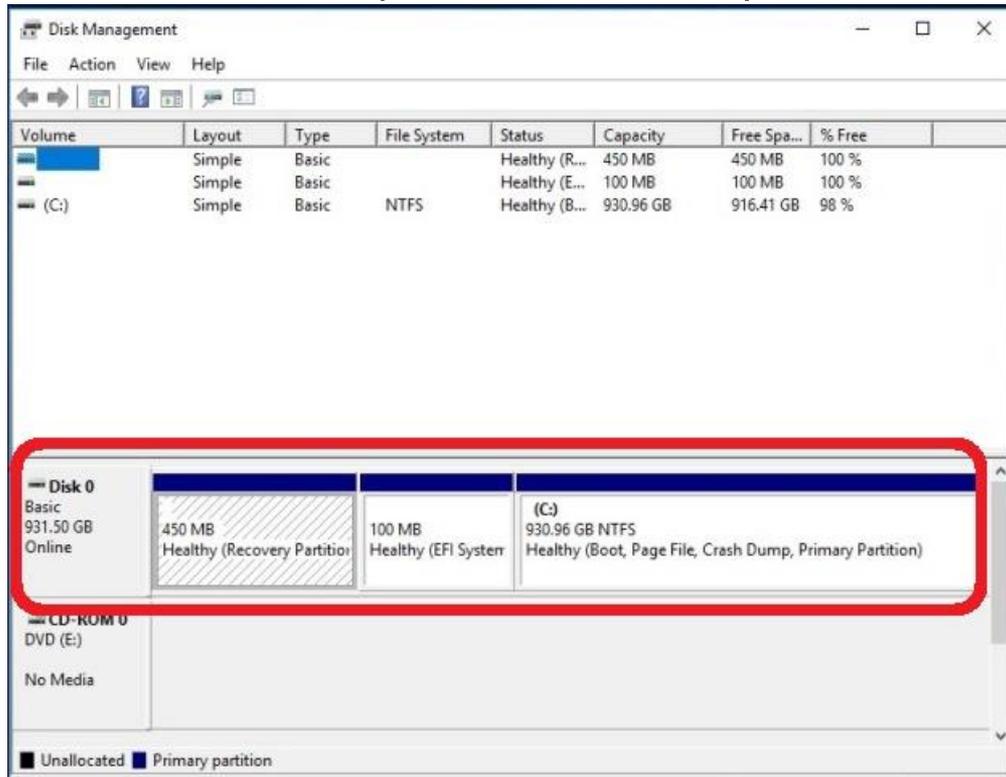
## Step21: Reboot Screen

- After clicking restart button, restart of the system will occur.
- After restarting your computer Intel® Optane™ memory is fully set up.
- The Intel® Optane™ memory application at any time by searching for 'Intel® Optane™ memory' in the Windows\* search bar.



# Step22: Check it on Disk management again

- It will be not showed Optane memory.



- **User and Installation Guide for Intel® Optane™ Memory**
- <http://www.intel.com/content/www/us/en/support/memory-and-storage/intel-optane-memory/000023989.html>

## Note: Disabled Optane Memory

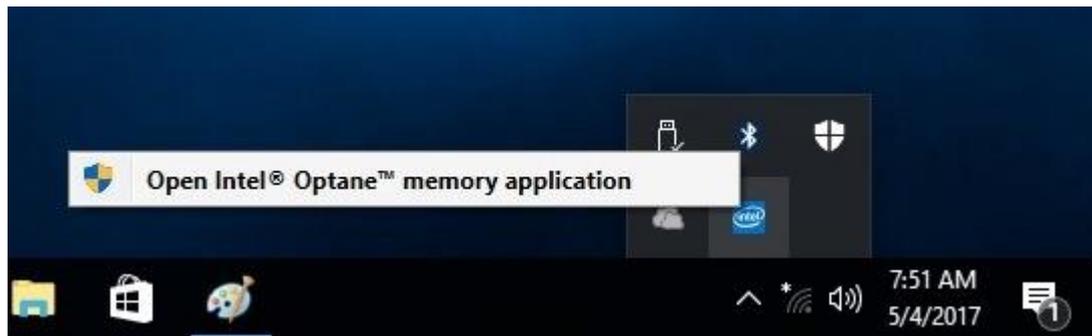
- If you want to remove Optane Memory, please disable it first.
- If not disabled it, OS will be lost some file and cannot into OS normally.



How to disable Optane  
memory

## Step A: Open Intel Optane Memory Application

- Please click “open Intel® Optane™ memory Application” in the Windows\* search bar.



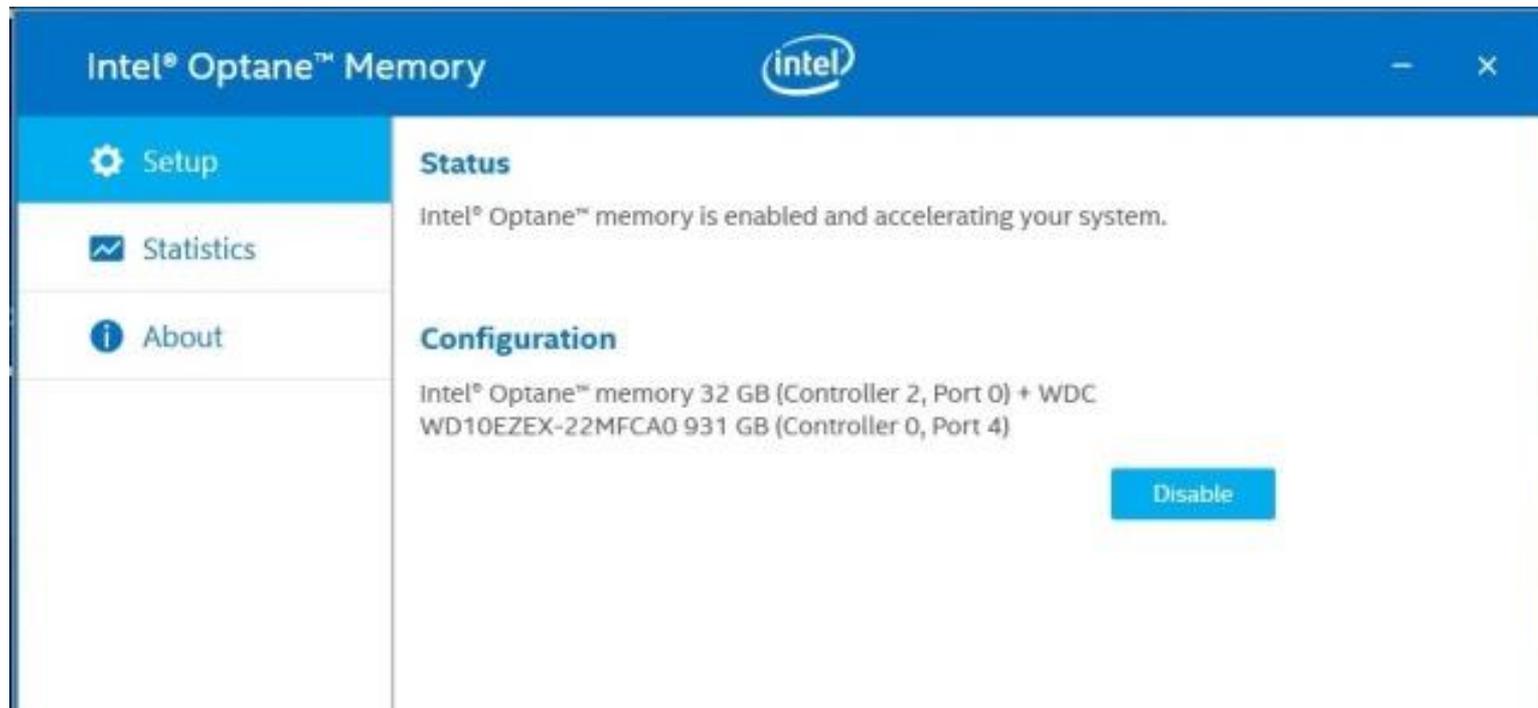
## Step B: Do You Want to Allow This Application

- Please click “**Yes**”.



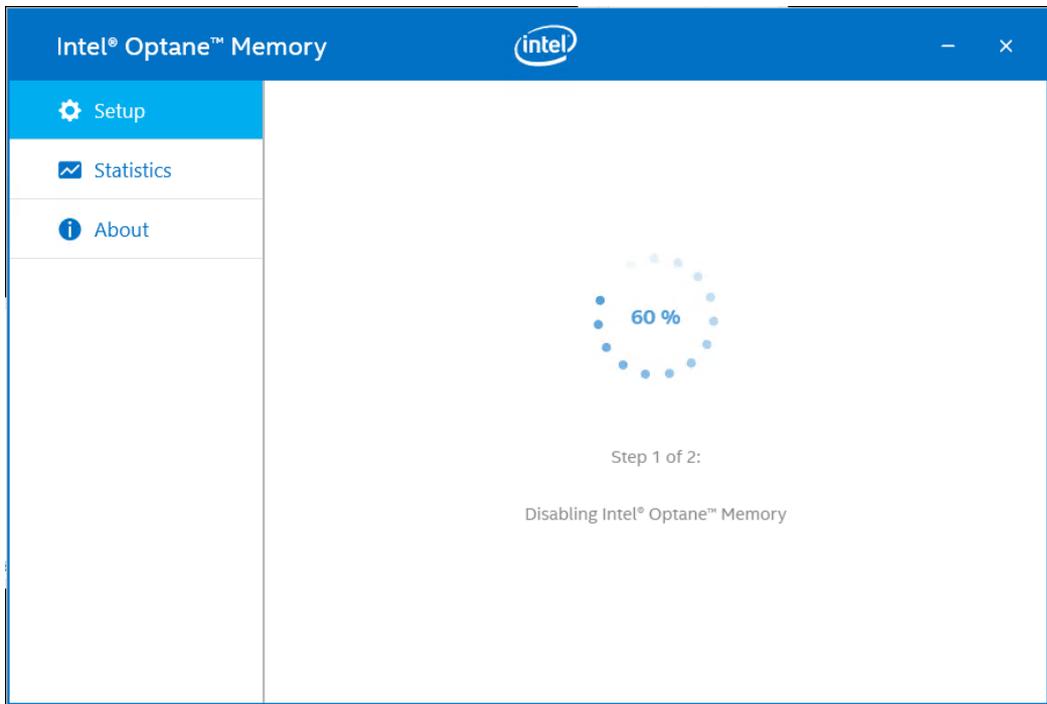
## Step C: Disable Optane Memory

- Please choose “**Setup**” screen and then click **Disable** button.



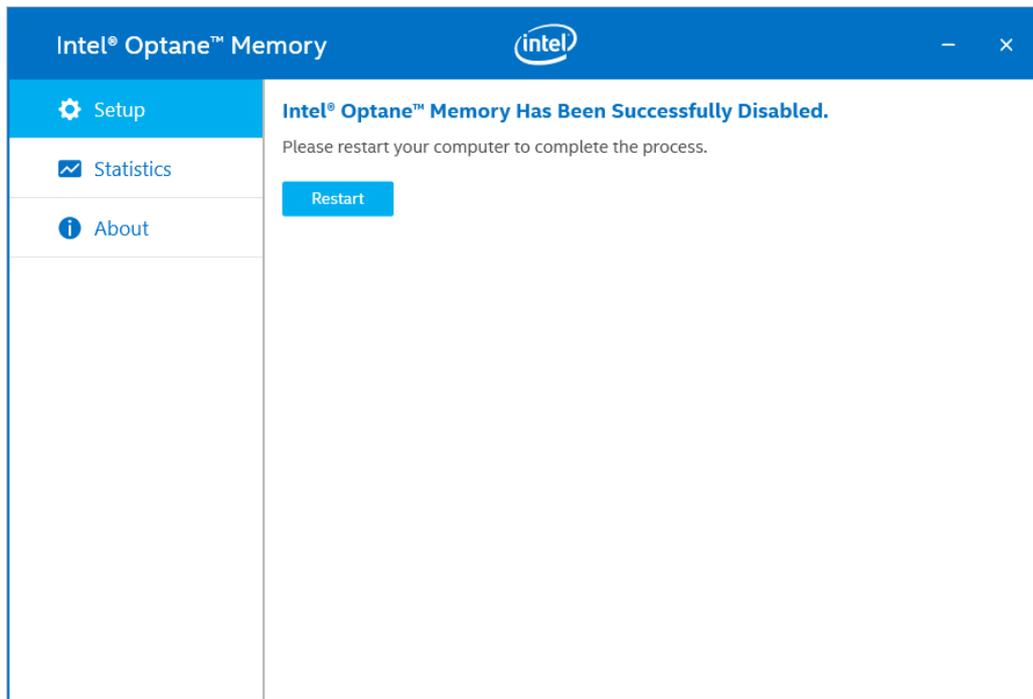
## Step D: Progress Screen

- Progress screen for disabling Intel® Optane™ memory. The screen from step 3 will appear after the disable operation finishes.



# Step E: Reboot Screen

- Click **Restart** button.
- After clicking restart button the system will be restarted.





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Thank You Very Much for Your Attention