

How to install optane memory under pure OS

TOP PLAYER · TOP CHOICE





How to enable optane memory





- 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 MI3, please flashing BIOS to v9xx first.

Step1: Install Optane Memory

RHING GERIES

- 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.

olume	Layout	Туре	File System	n Status	Capacity	Free Spa	% Free			
	Simple	Basic		Healthy (R., Healthy (F.	450 MB 100 MB	450 MB 100 MB	100 %			
(C:)	Simple	Basic	NTFS	Healthy (B.,	930.96 GB	916.18 GB	98 %			
= Disk 0										
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Disk 0 Basic 931.50 GB Online Disk 1 Basic	450 MB Healthy (Recov	ery Partition)		100 MB Healthy (EFI Syste	m Partition)	(C.) 930.96 GB NTFS Healthy (Boot, F	age File, Crash Dumj	, Primary Partitio	")Original di	sk



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

Step4: Open Intel Setup Optane Memory Tool



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

Windows SmartScreen can't be reached right now

Check your Internet connection. Windows SmartScreen is unreachable and can't help you decide if this app is okay to run.

Publisher: Intel Corporation - pGFX App: SetupOptaneMemory.exe



Step5: Welcome Screen

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





Step6: Warning Screen

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





Step7: License Agreement Screen

Can Into G Series

• Accept the license agreement and click Next to continue.

Intel [®] Installation Framework	×
Intel® Optane™ Memory License Agreement	
INTEL SOFTWARE LICENSE AGREEMENT (OEM / IHV / ISV Distribution & Single User) IMPORTANT - READ BEFORE COPYING, INSTALLING OR USING. Do not use or load this software and any associated materials (collectively, the "Software") until you have carefully read the following terms and conditions. By loading or using the Software, you agree to the terms of this Agreement. If you do not wish to so agree, do not install or use the Software. Please Also Note: * If you are an Original Equipment Manufacturer (OEM), Independent Hardware Vendor (IHV), or Independent Software Vendor (ISV), this complete LICENSE AGREEMENT applies;	^
 * If you are an End-User, then only Exhibit A, the INTEL SOFTWARE LICENSE AGREEMENT, applies. For OEMs, IHVs, and ISVs: LICENSE. This Software is licensed for use only in conjunction with Intel component products. ✓ I accept the terms in the License Agreement. 	~
Intel Corporation < Back Next > Ca	ncel

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.

Intel® Installation Framewor	rk ×
Intel® Optane™ Memory Destination Folder	intel
Click Next to install to the default folder, or click Change to choose a C:\Program Files\Intel\Intel(R) Optane Memory	another destination folder.
	Change
Intel Corporation < B	ack Next > Cancel

Step10: Confirmation Screen

• Click **Next** to continue.





Step11: Progress Screen

appear.



• Installation is now in progress, once finished the next screen will



Step12: Restart to Safe Mode



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



Step13: 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® OptaneTM memory application as described.



Step13: 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.



- 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.





Step15: Do You Want to Allow This Application

• Please click "Yes".



Step16: 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.





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

Intel® Optane™ M	emory <u>(intel)</u> – ×
🔅 Setup	Status
✓ Statistics	Intel® Optane™ memory is disabled.
1 About	

Step18: Warning View

• Click **YES** button.

Intel® Optane™	Memory (intel)	×
🔅 Setup	Warning	
M Statistics	This process will erase all data on Intel® Optane™ memory module.	
1 About	Yes No	



Step19: Enabling Progress Screen



Intel® Optane™ Me	mory (intel)	-	×
🗘 Setup			
Z Statistics			
1 About			
	13 % Step 2 of 2: Enabling Intel® Optane™ Memory		

Step20: Reboot Screen



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

Intel® Optane™ Me	emory (intel) – ×
🗘 Setup	Intel® Optane™ Memory Has Been Successfully Enabled.
Z Statistics	Please restart your computer to complete the process.
1 About	

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.





• It will be not showed Optane memory.

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olume	Layout	Туре	File System	Status	Capacity	Free Spa	% Free	
*	Simple	Basic		Healthy (R	450 MB	450 MB	100 %	
(C)	Simple	Basic	NTES	Healthy (B.	930.96 GB	916.41 GB	98.%	
Disk 0								
Disk 0 Jasic 31.50 GB Inline	450 MB Healthy (Recove	ery Partition	100 MB Healthy (EFI Syste	(С:) 930.96 GB гг Healthy ()	NTFS Boot, Page File	, Crash Dump, P	rimary Partiti	ion)
Disk 0 lasic 31.50 GB Inline	450 MB Healthy (Recove	ery Partition	100 MB Healthy (EFI Syste	(С:) 930.96 GB Healthy (I	: NTFS Boot, Page File	, Crash Dump, Pi	rimary Partiti	ion)
Disk 0 Basic Basic Basic Basic	150 MP		100 MP	(C)	NTEC			

Reference



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



- 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".

User Account Control	×
Do you want to allow th changes to your device?	is app to make
Intel® Optane™ Me	mory
Verified publisher: Intel(R) Rapid File origin: Hard drive on this co	I Storage Technology mputer
Show more details	
Yes	No

Step C: Disable Optane Memory



• Please choose "Setup" screen and then click Disable button.

intel® Optane™ I	Memory _ ×
🖨 Setup	Status
M Statistics	Intel® Optane™ memory is enabled and accelerating your system.
1 About	Configuration Intel® Optane™ memory 32 GB (Controller 2, Port 0) + WDC WD10EZEX-22MFCA0 931 GB (Controller 0, Port 4)

Step D: Progress Screen



• Progress screen for disabling Intel® OptaneTM 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.





MSf®

Thank You Very Much for Your Attention