

USING PARTITION WIZARD

Get Started

Tool Bar, Legend Bar,

Action Panel

Disk Map Location

Change Font

Partition Wizard Main

Window

Disk & Partition

Selecting An Operation

All Changes

Discard All Changes

Exit

Reload Disk

Undo Last Changes

Help

Offline Activation

Featured Functions

Disk/Partition Conversion

Manage Basic Disk

Manage Basic Partition

Manage Dynamic Disk

How to Migrate OS to SSD/HD | MiniTool Partition Wizard Tutorial [Help]



Quick Navigation :

- [About Migrate OS to SSD/HD](#)
- [How to Migrate OS to SSD/HD](#)



About Migrate OS to SSD/HD

In today's era, computer hard drive is not only the medium to store and exchange data, it also provides an entertaining way. Users can download good music tracks and movies to the hard drive so as to listen to or watch them whenever they want.

As the size of files stored on the hard drive is increasing, the running speed and responding speed of computer will be greatly affected. Meanwhile, the appearance of **SSD** offers users a wonderful experience in speed. So to replace the old hard drive with a new SSD or migrate OS to new SSD becomes the first choice to improve computer performance and speed.

In addition, some large-scale online games are required to download to hard drive. This can easily make the old hard drive run out of space in a

short time. The most direct and effective way to deal with this situation is also to replace the old hard drive with a new larger SSD or HD.

In both cases, if users don't want to reinstall Windows and programs or don't want to lose anything, we highly suggest using **Migrate OS to SSD/HD** feature of MiniTool Partition Wizard to do this, which is an easy and safe process.

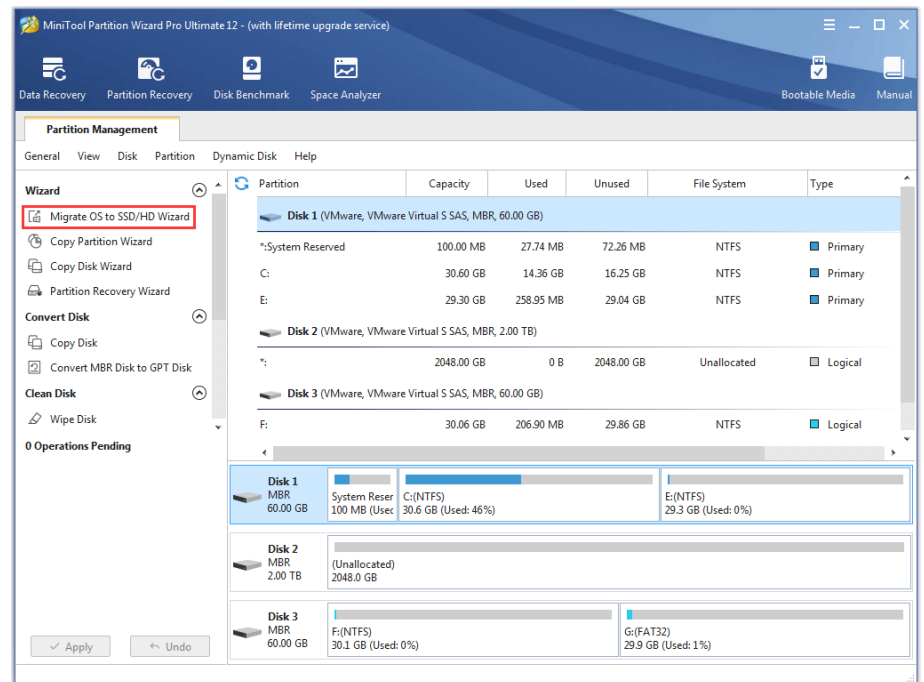
Below is a detailed MiniTool Partition Wizard tutorial on OS migration.

Note: The migration process of Partition Wizard will destroy all data in users' target disk, so users would better transfer data to another device or make a backup in advance. Yet, it doesn't have any effect on the data in the original disk.

How to Migrate OS to SSD/HD

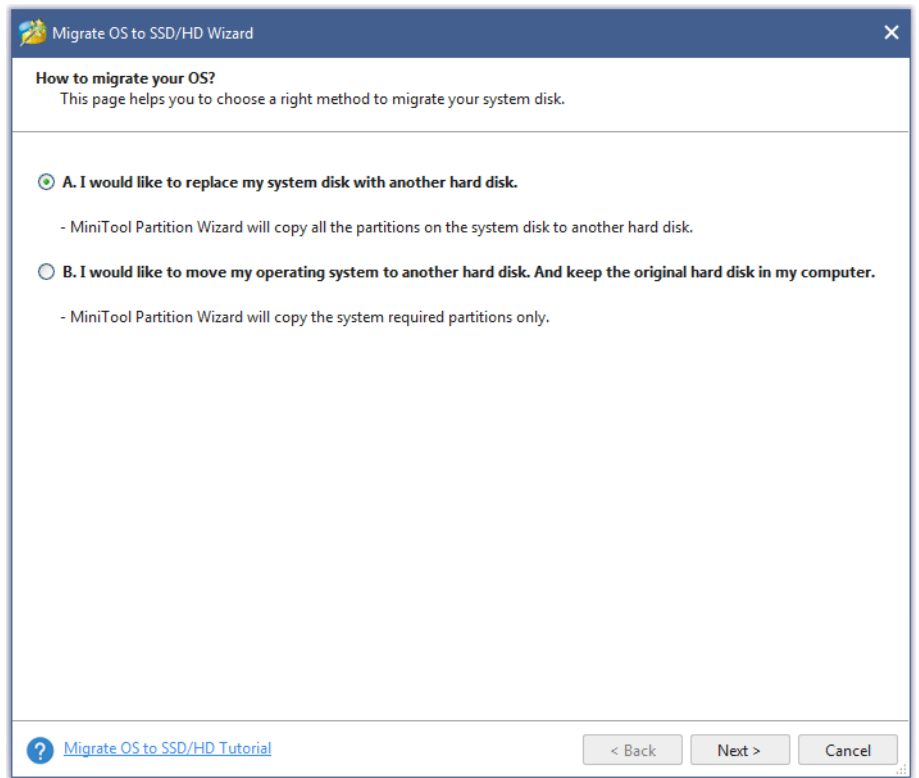
Step 1. Launch MiniTool Partition Wizard to get its main interface.

Step 2. Click on **Migrate OS to SSD/HD** in the toolbar.

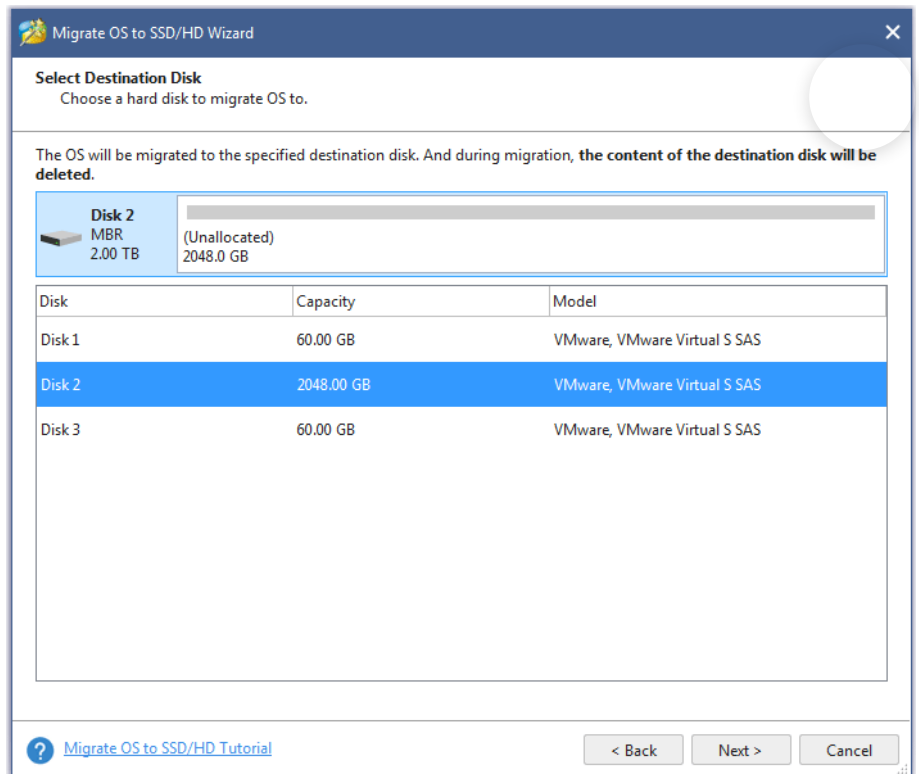


Step 3. Choose a right method to migrate system disk and click **Next**.

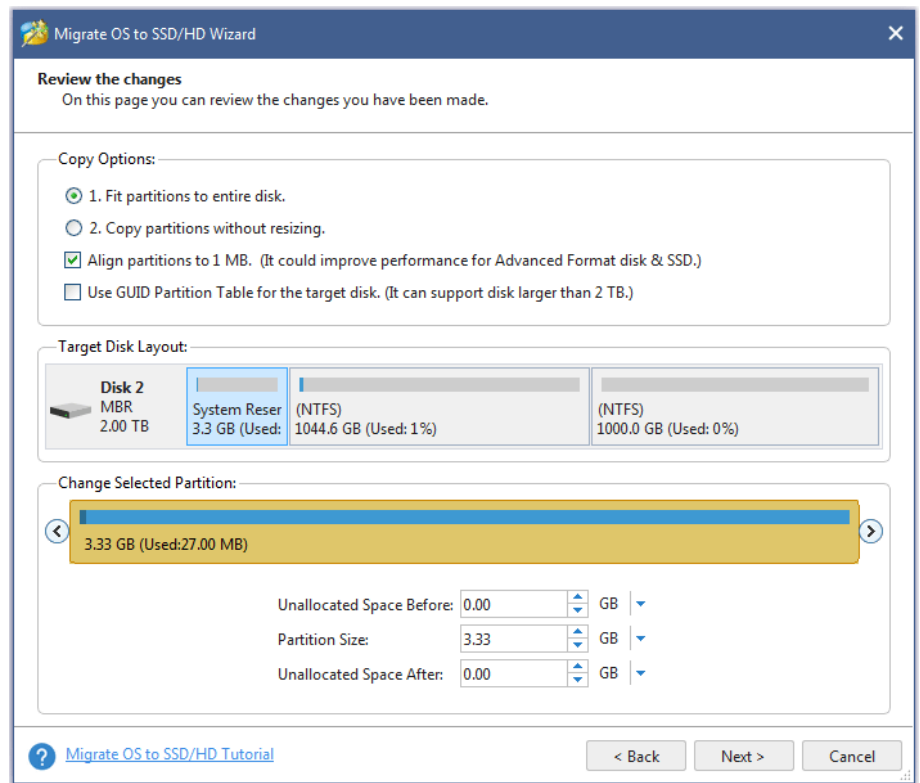
Option A. To Replace the System Disk



Firstly, please select the target disk to migrate system disk to and click **Next**.



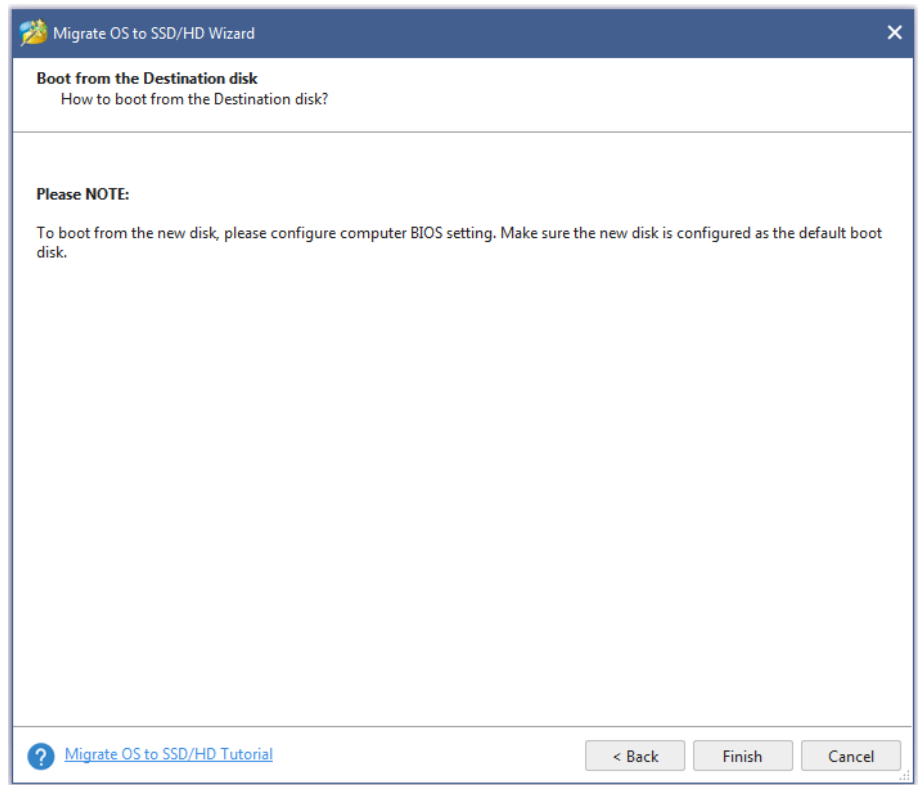
Then, choose a copy option. Alternatively, users can manually edit partition size by inputting exact partition size in MB, GB, or TB.



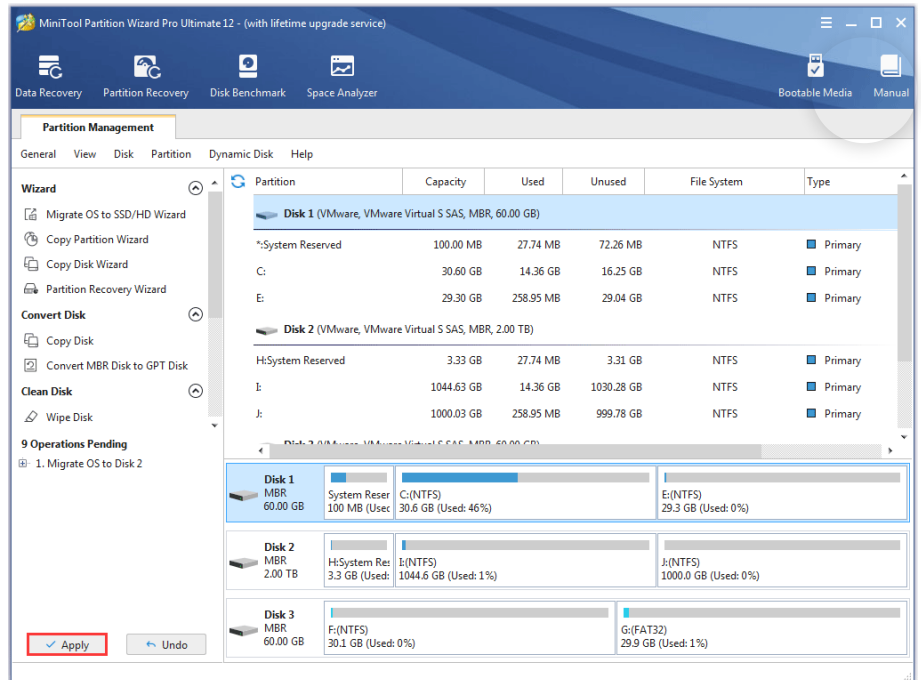
Tricks:

- **Align partitions to 1MB** could help improve performance for SSD and advanced format disks, so please keep it checked if users are using such devices.
- Checking **Use GUID Partition Table for the target disk** makes it possible to use all space of hard disk larger than 2TB, but UEFI boot should be enabled in BIOS.
- MiniTool Partition Wizard Free Edition doesn't support migrating OS on **MBR** disk using GUID Partition table for the target disk.
- If users want to migrate Windows which is installed on a GPT disk, they will not see the option **Use GUID Partition Table for the target disk**.

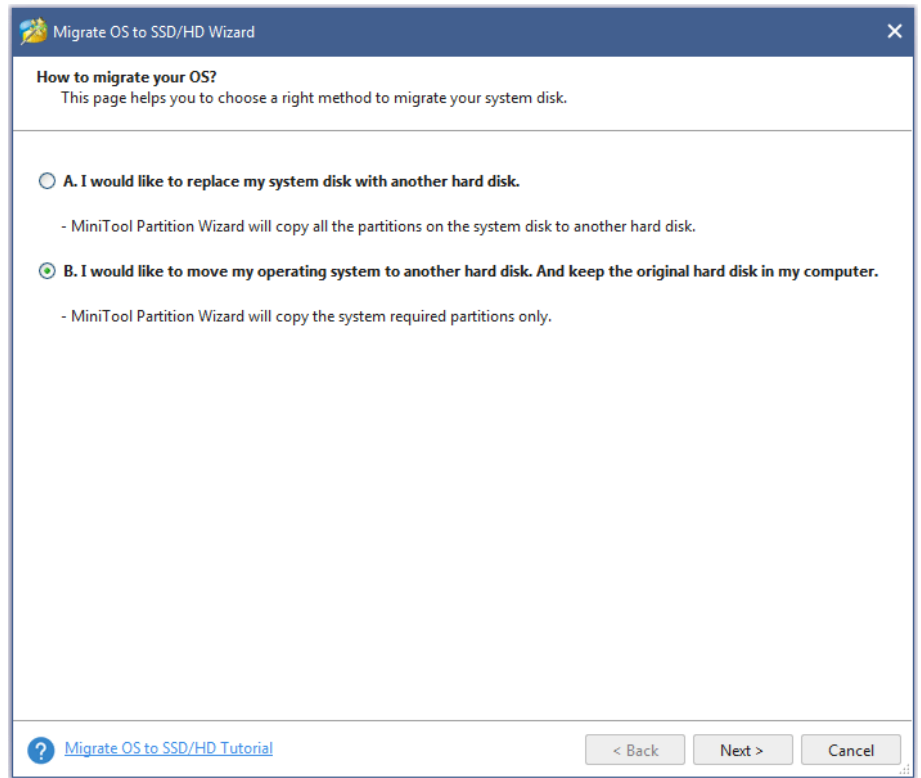
Next, read a popup note and click **Finish** to continue.



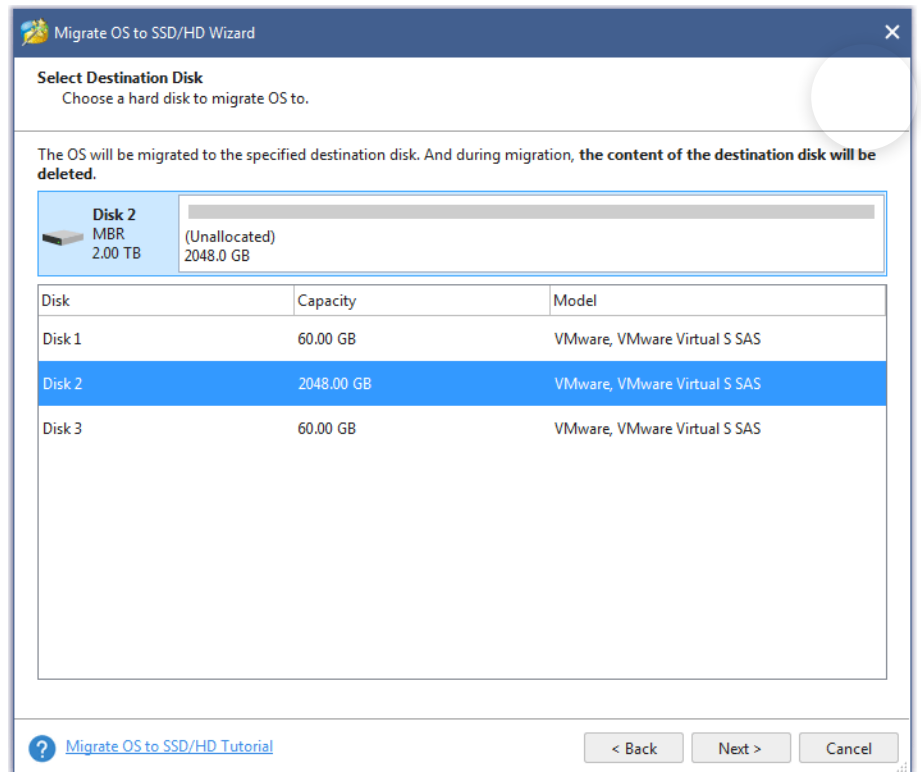
At last, click **Apply** button to execute pending operations and tap **Yes** in pop-up prompt window to allow changes.



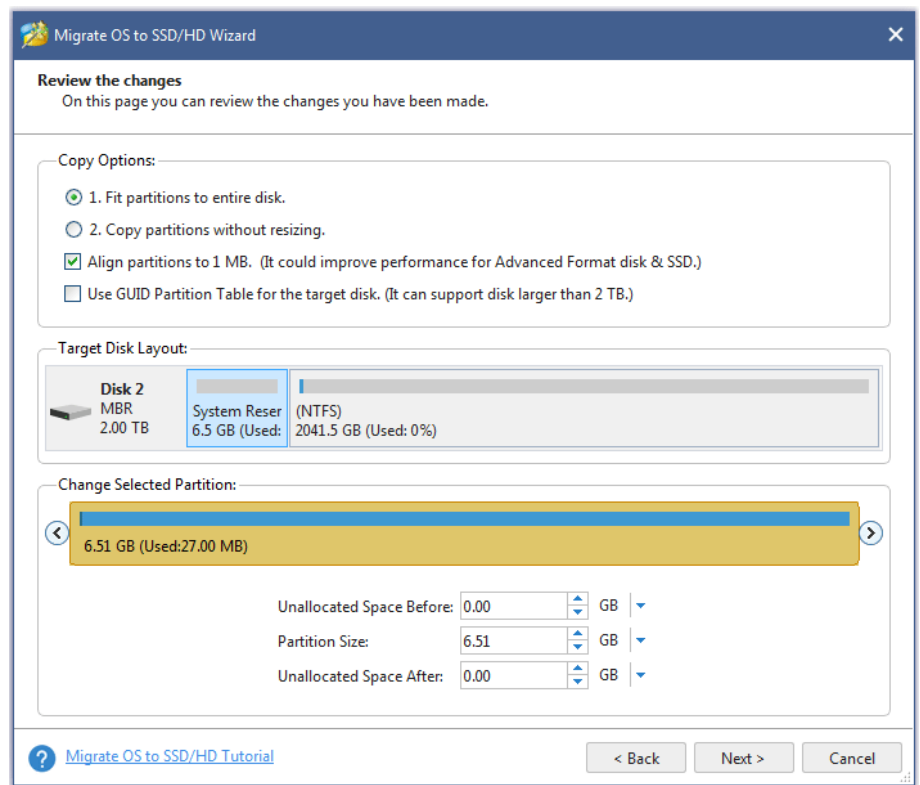
Option B. To Migrate Windows Only



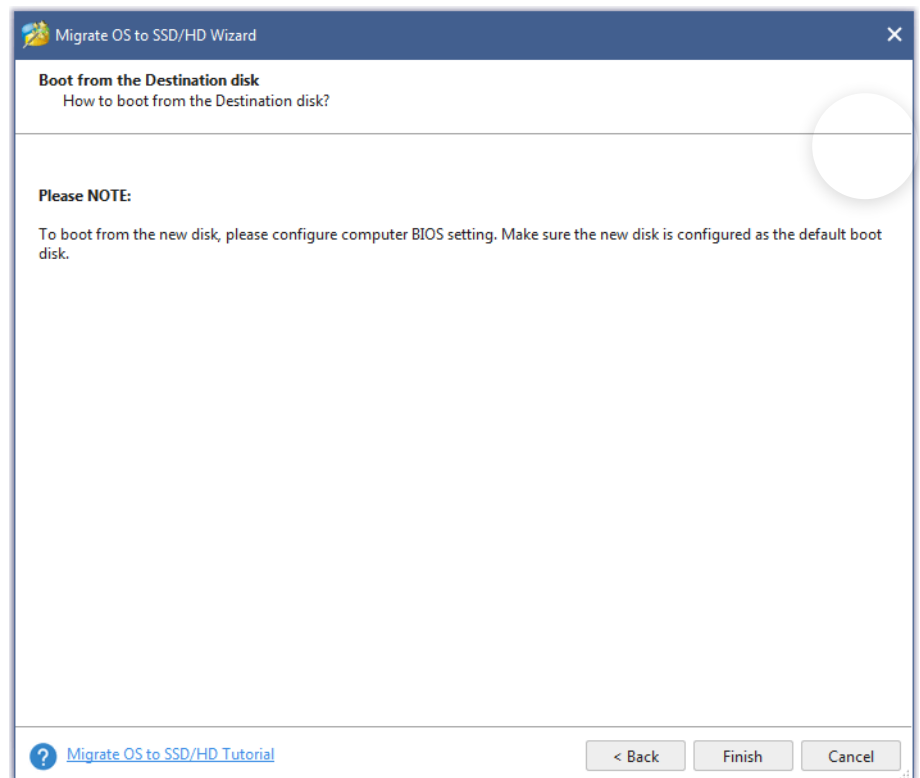
Here, users also need to select the target disk to transfer Windows 10 to and click **Next**.



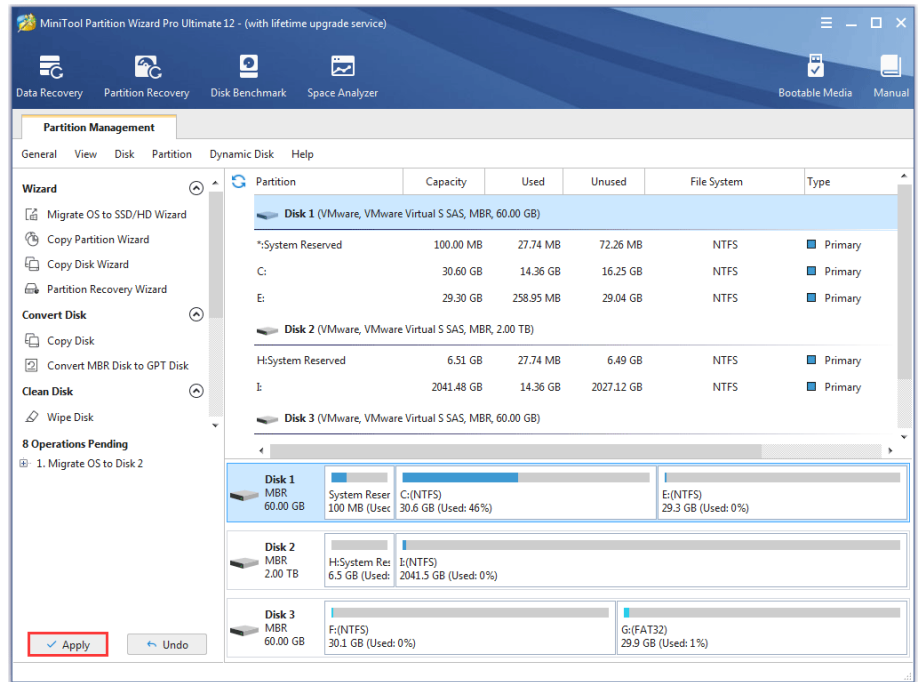
Then, select a copy option and click **Next**.



Next, read the boot note and click **Finish**.








At last, click **Apply** button in the toolbar to execute pending operations and tap **Yes** in the pop-up prompt window to allow changes.



SSD Best Sellers

Now you already know how to migrate OS to SSD/HDD. Here are the best sellers on the SSD market. Choose one that fits your needs best.

					
Product Name	Intel 660p Series (1TB) SSD	Corsair MP500 (480GB) SSD	Samsung 860 EVO (250G) SSD	Samsung 970 EVO NVMe (500GB) SSD	Adata SU800 SATA (1 SSD)
Brand	Intel	Corsair	Samsung	Samsung	Adata
Capacity	1TB	480GB	250GB	500GB	1TB
I/O Speed	Up to 1,800MB/s	Up to 3,000MB/s	Up to 550MB/s	Up to 3500MB/s	Up to 560MB/s
Pros	Very good NVMe performance most of the time. Extremely affordable. 5-year warranty.	Black printed circuit board. Copper strip technology. High-Performance. NVMe-Enabled.	Good overall performance. Outstanding endurance rating. Samsung Magician software.	Affordable (relatively) NVMe drive. Excellent sequential reads Available in up to 2TB	Adata S: Toolbox Acronis Data Migratic Fair pricing.

			Hardware-Based encryption. Package with DRAM cache and cloning. 5-year warranty.	capacity. Almost 50% shorter file transfer times. 5-year warranty.	
Cons	Slows to 100MBps writing during very long transfers.	High initial pricing. Low warranty terms. Lack of progress for the E7 controller.	Expensive.	Slows to just over 600MBps after cache is exceeded. Occasionally trails 960 Pro. Lower capacities could be cheaper.	Micron 384Gbit TLC NAI Low throughput High latency. Low notebook battery l
Rating Star	★★★★★	★★★★★	★★★★★	★★★★★	★★★★
Buy	Buy on Amazon	Buy on Amazon	Buy on Amazon	Buy on Amazon	Buy on Amazon

[f Facebook](#)
[t Twitter](#)
[in LinkedIn](#)
[r Reddit](#)

Products

- MiniTool Partition Wizard Free Edition
- MiniTool Partition Wizard Pro Edition
- MiniTool Partition Wizard Server Edition
- MiniTool Partition Wizard Bootable

Resource

- Resize Partition
- Partition Manager
- Partition Magic
- Disk Recovery

Support

- Software FAQ
- Online Help
- Reviews

Follow Us



Language ▾

Compare Editions

Clone Disk

Terms & Conditions | Privacy

*North America, Canada, Unit 170 - 422, Richards Street, Vancouver, British Columbia, V6B 2Z4
Asia, Hong Kong, Suite 820,8/F., Ocean Centre, Harbour City, 5 Canton Road, Tsim Sha Tsui, Kowloon*

Copyright © 2020 MiniTool® Software Limited, All Rights Reserved.

