How to create software RAID by Windows disk management

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Overview

- setup procedures
- system configuration
- step by step pictures

Software RAID – PCIe M.2 + PCIe SSD / SATA SSD

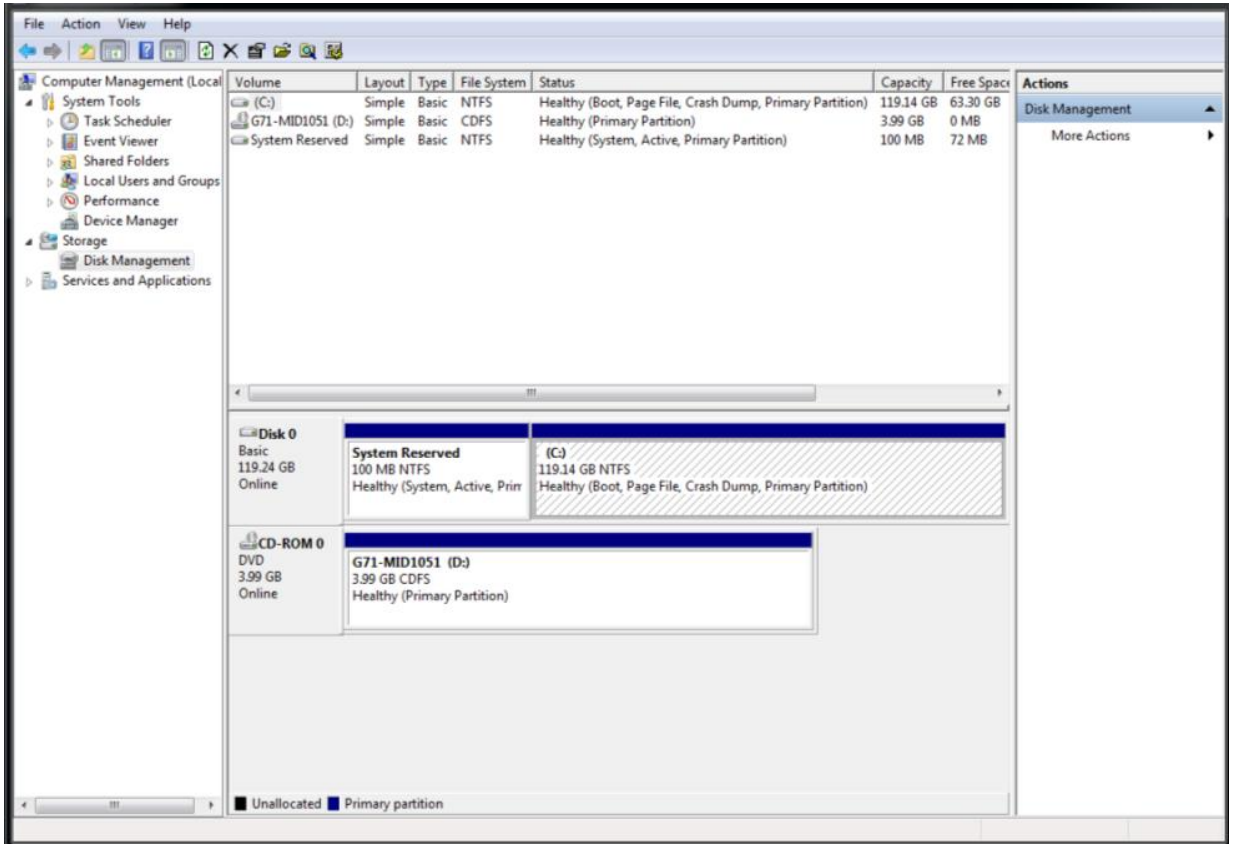
- To create RAID volume by Windows Disk Management.
- Support Windows XP / 7 / Vista / 8.x / 10.
- Support different interfaces of storages / partitions / Capacities.

1. Open Disk Management
2. Check the M.2 or SSD storages are all detected
3. Convert at least two disks to Dynamic Disk
4. Select RAID type
5. Start up RAID Wizard
6. Select Disks to join RAID volume
7. Assign a Drive letter
8. Select the Disk Format
9. Finish RAID Wizard
10. Software RAID is created successfully

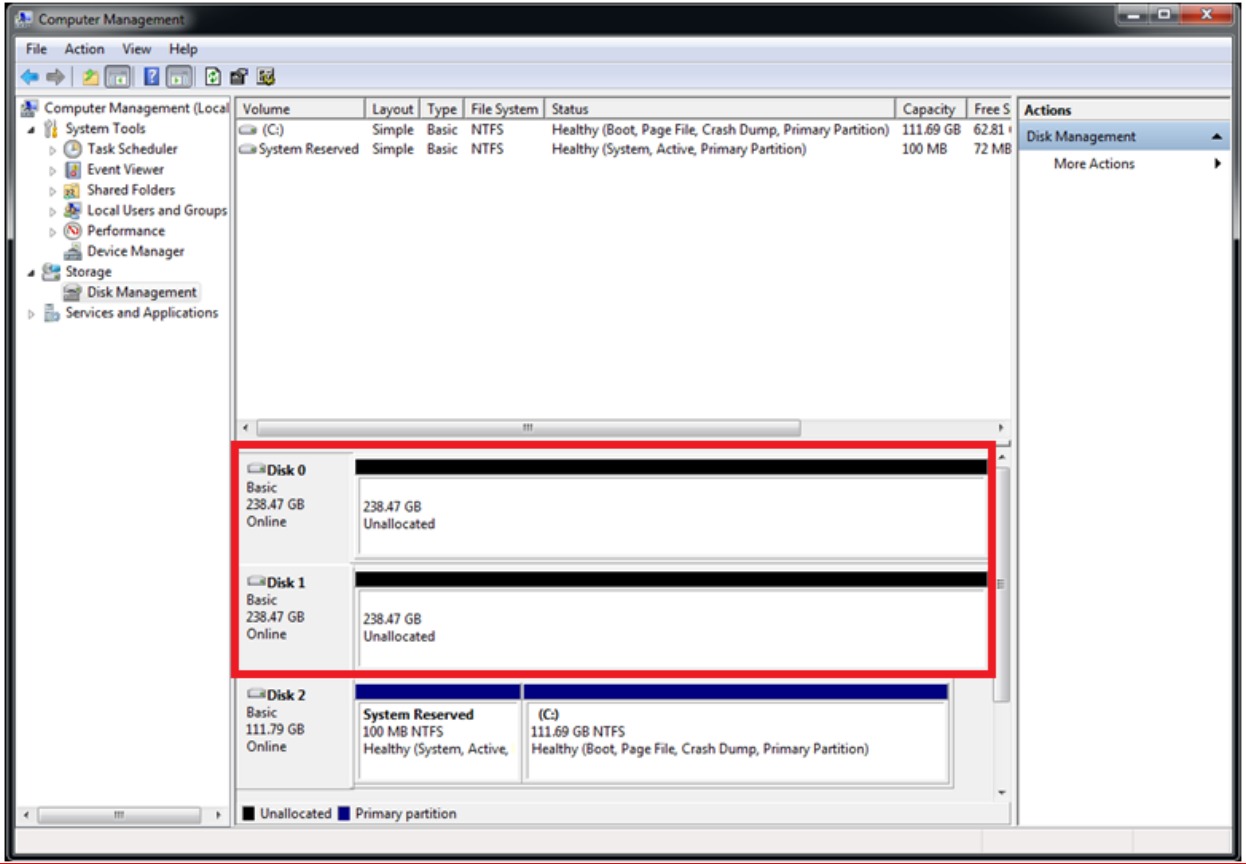
Software RAID – system configuration

- System configuration for Software RAID testing
  - CPU: Intel i5-6600K
  - Motherboard: Z170A XPOWER
  - BIOS Version: E7968IMS.100
  - Memory: Crucial DDR4-2133MHz 4GB x 2
  - PCIe M.2: PLEXTOR PX-G256M6e
  - PCIe SSD: PLEXTOR PX-AG256M6e-BK
  - SATA SSD: Samsung 850 Pro 256GB
  - OS version: Windows 7 Ultimate x64

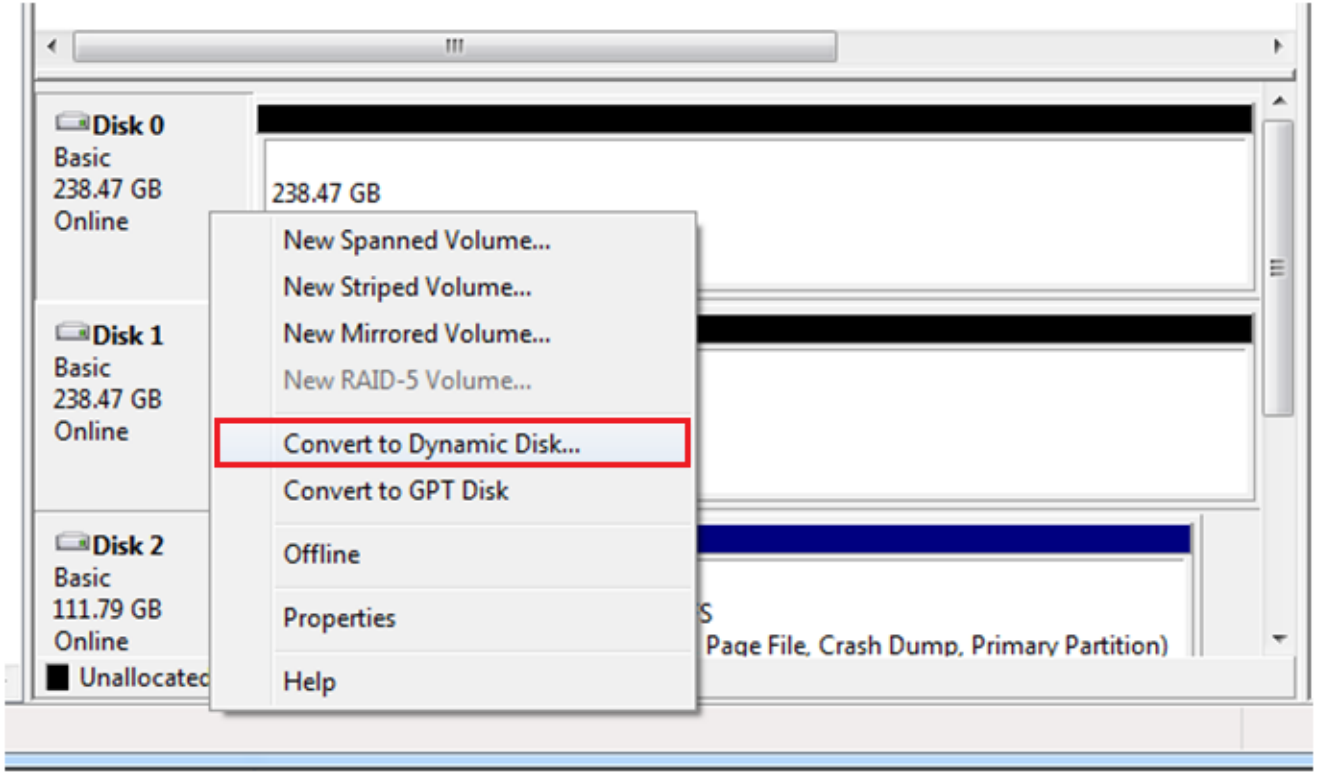
Open Disk Management



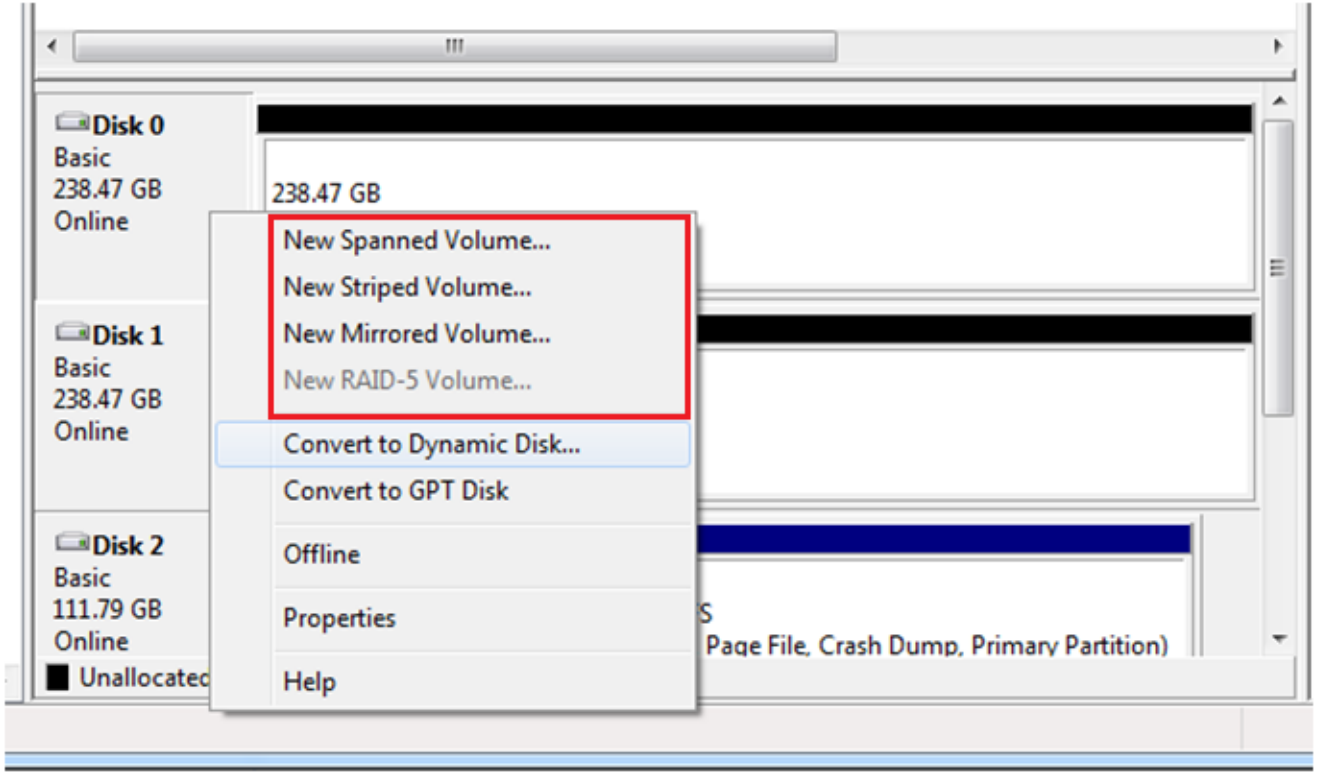
Check the M.2 or SSD storages are all detected



Convert at least two disks to Dynamic Disk

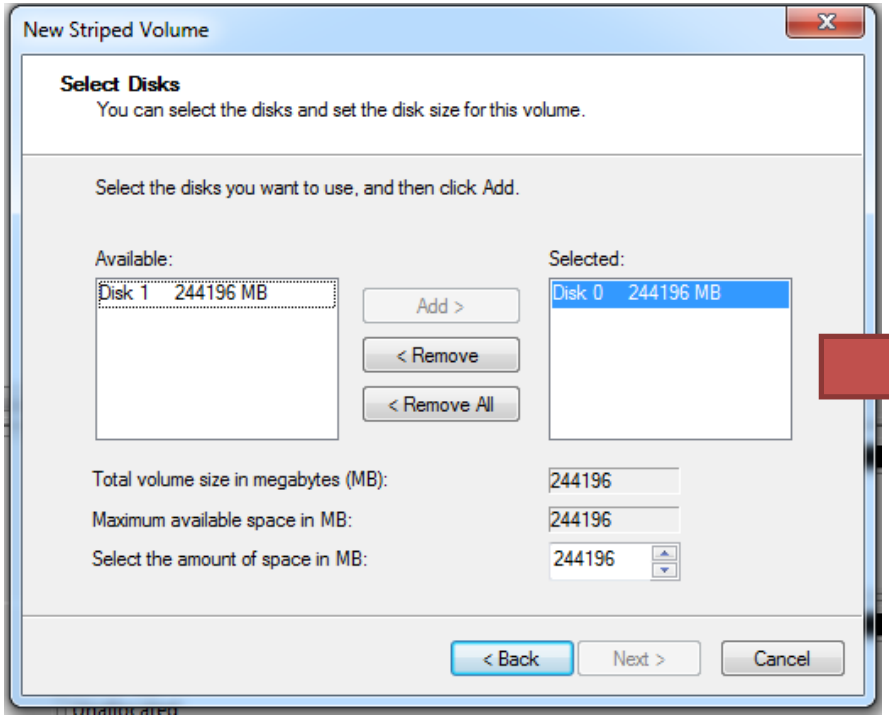


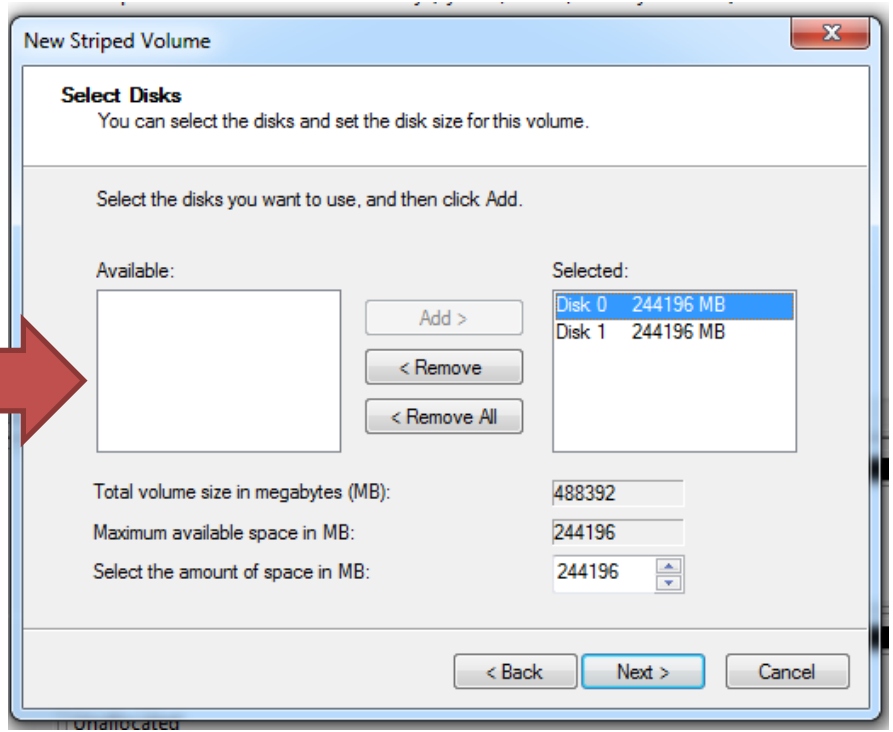
Select RAID type



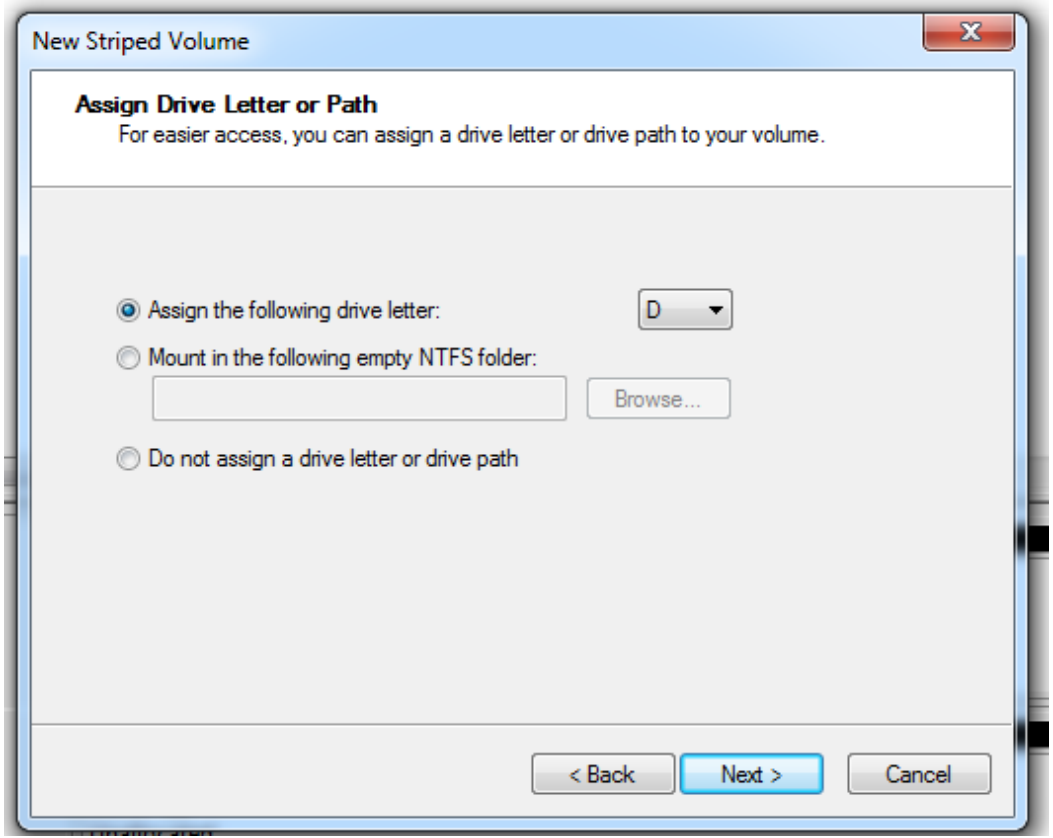
Start up the RAID wizard

Select Disks to join RAID volume

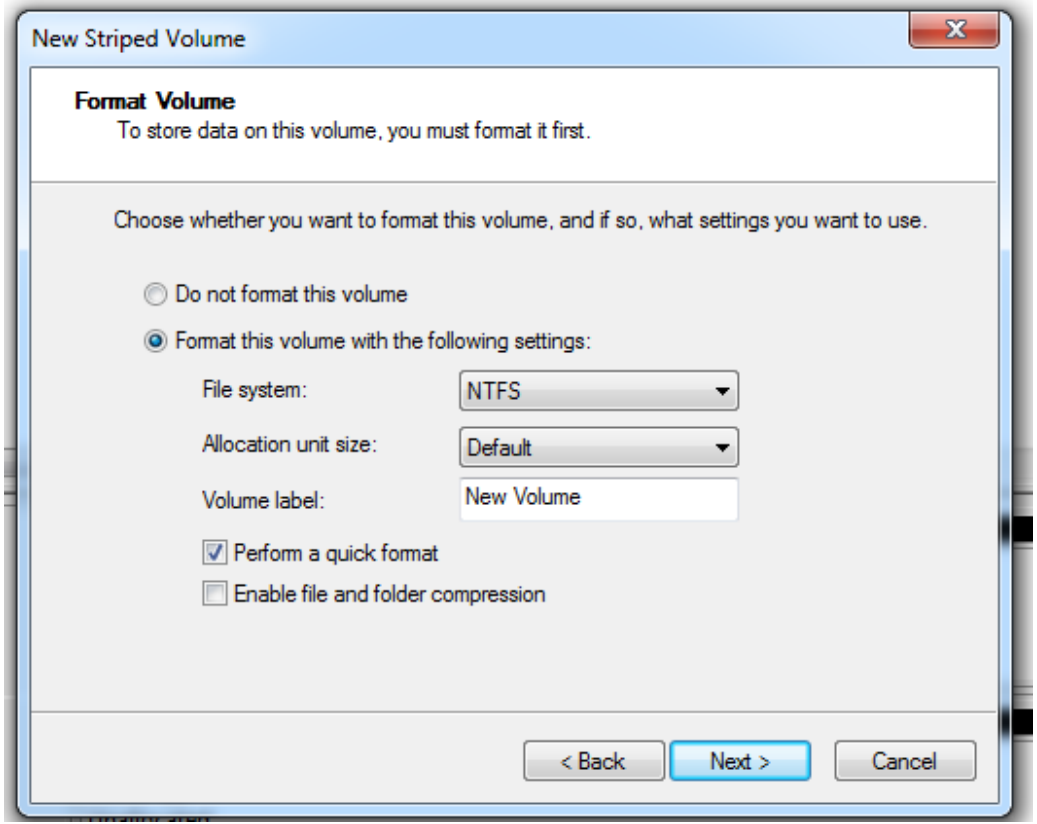




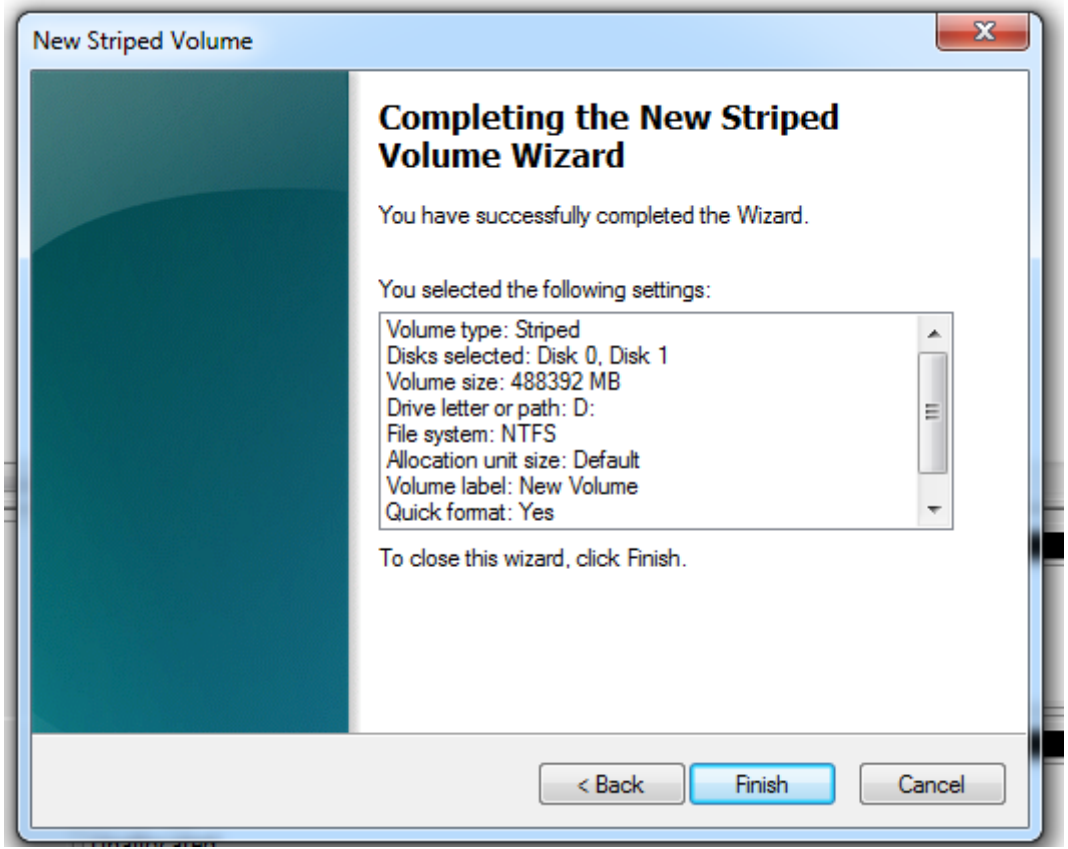
Assign a Drive letter



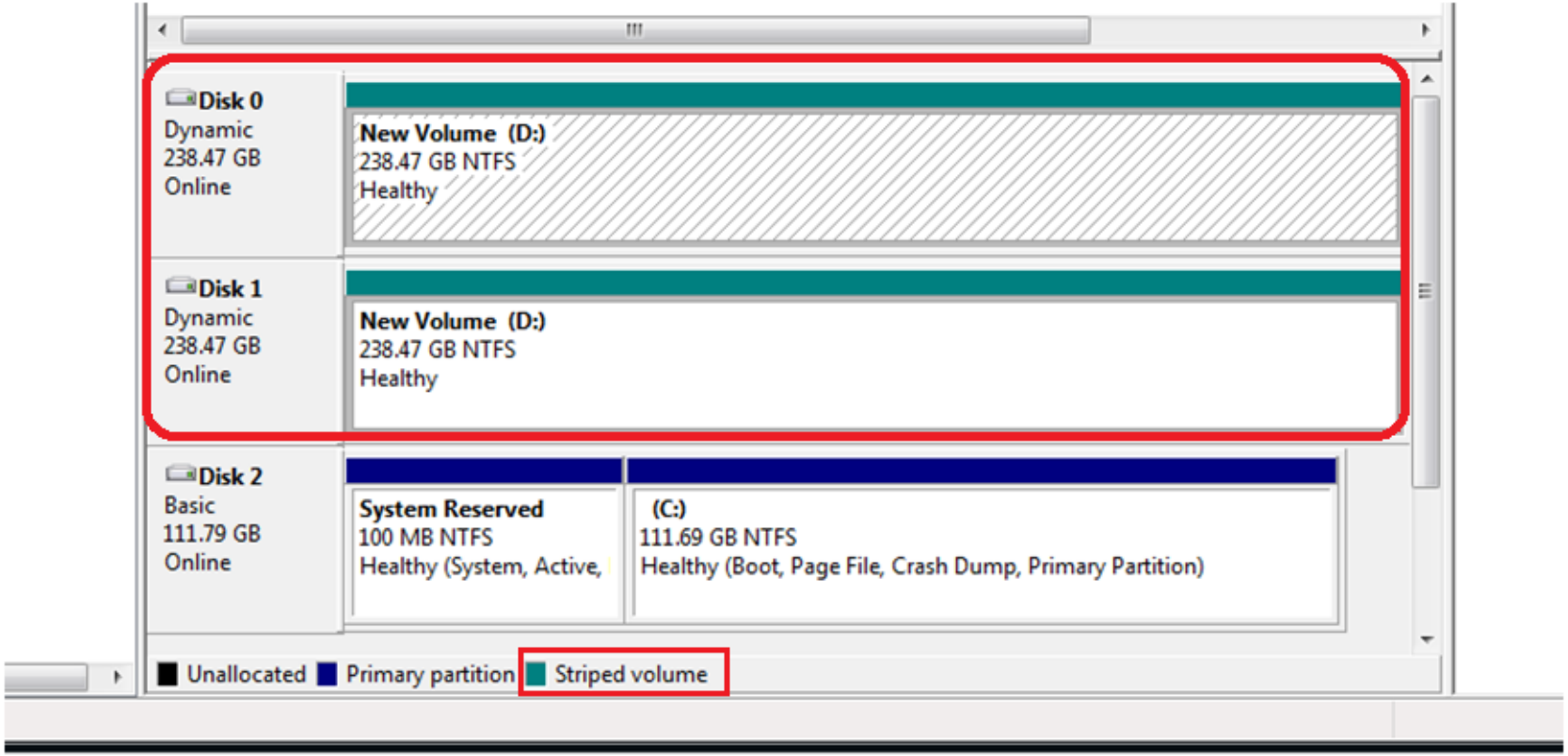
Select the Disk Format



Finish the RAID wizard



RAID volume is created successfully



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