Intel® Virtual RAID on CPU (Intel® VROC) Configuration

Before you Begin

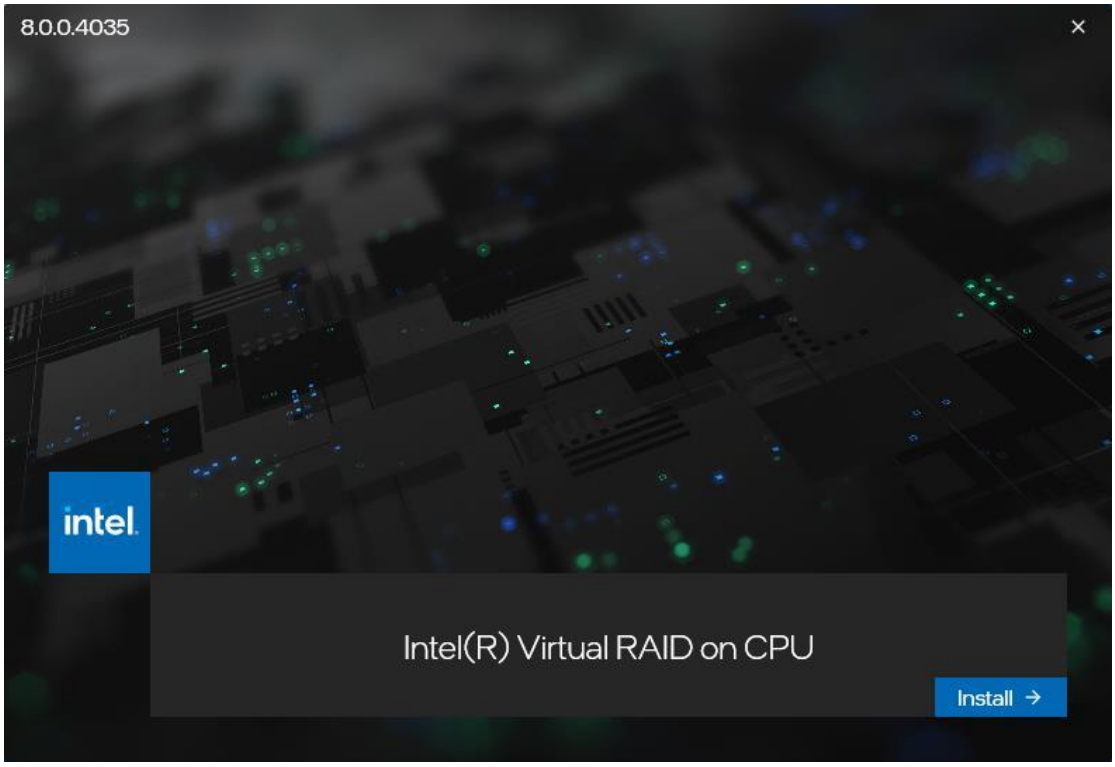
To support Intel® Virtual RAID on CPU (Intel® VROC), an Intel® VROC hardware key is required. Before Configuring a RAID array, please insert the Intel® VROC hardware key into your motherboard.

If your system is connected to the Internet, “Microsoft Visual C++ 2015-2022 Redistributable (x64) - 14.34.31931” and “Microsoft Windows Desktop Runtime – 6.0.9 (x64)” packages will be installed automatically when Intel® VROC utility is installed. You can also go to Microsoft’s website to download these two packages and install them.

Setup Procedure

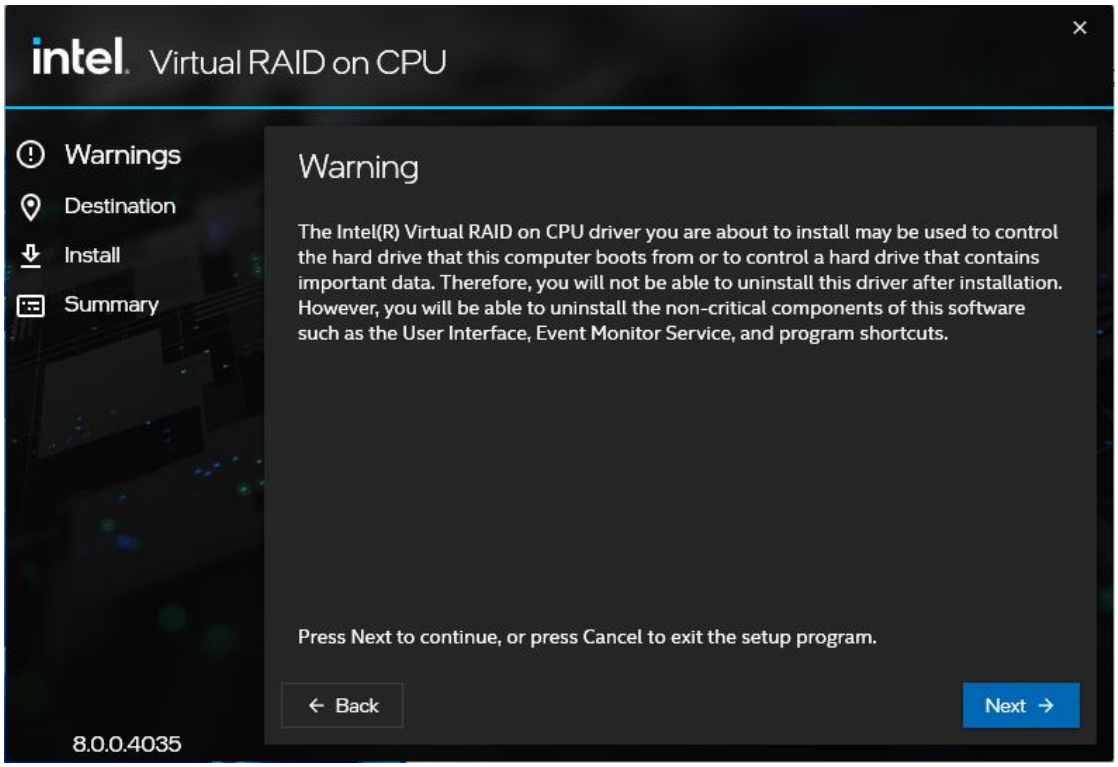
Step 1:

Click “Install” to start.



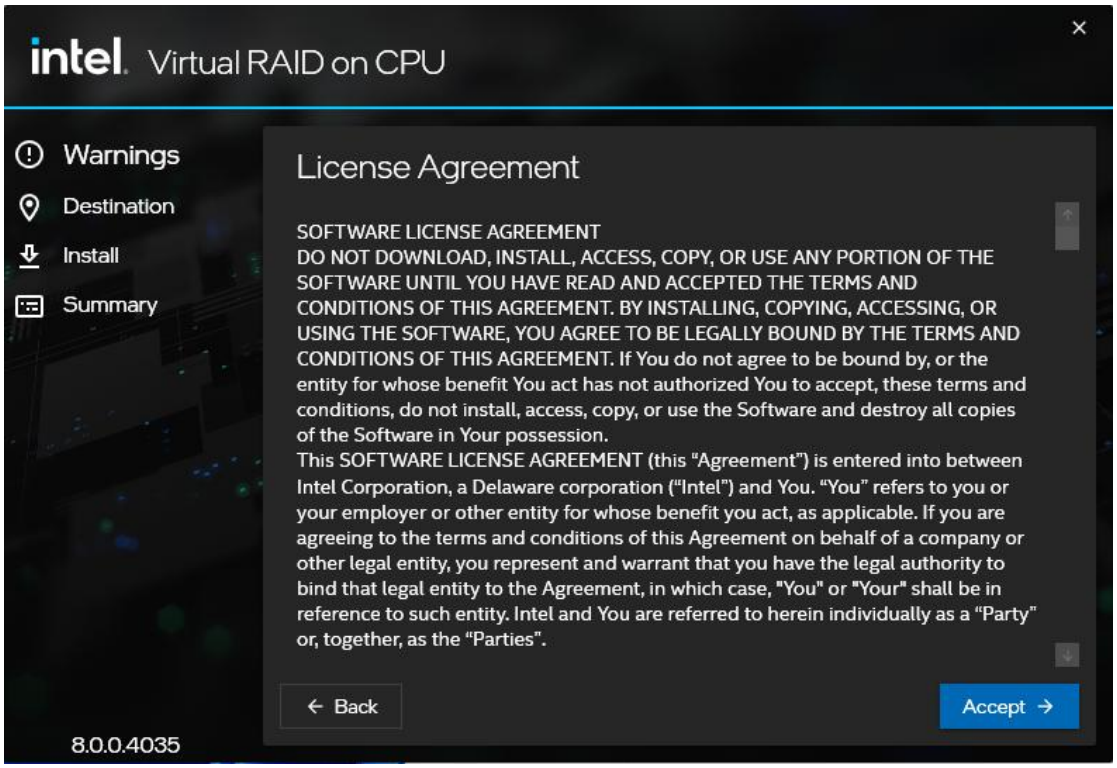
Step 2:

Click “Next” to continue.



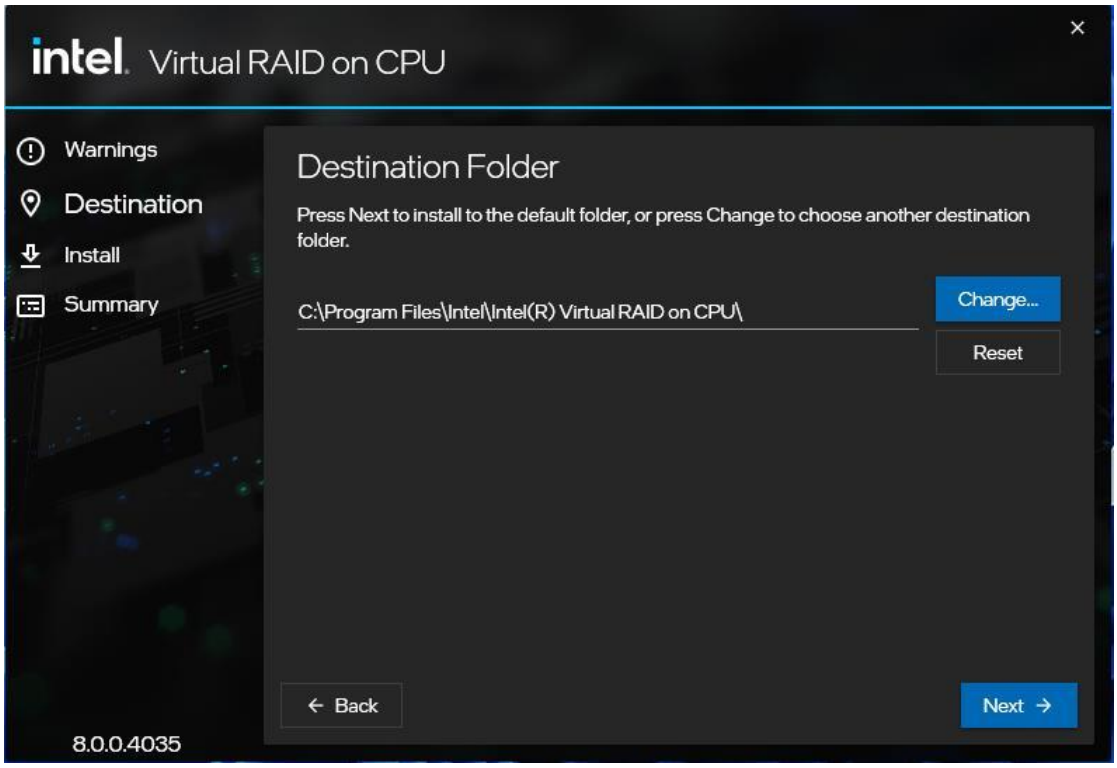
Step 3:

Click “Accept” to accept and continue.



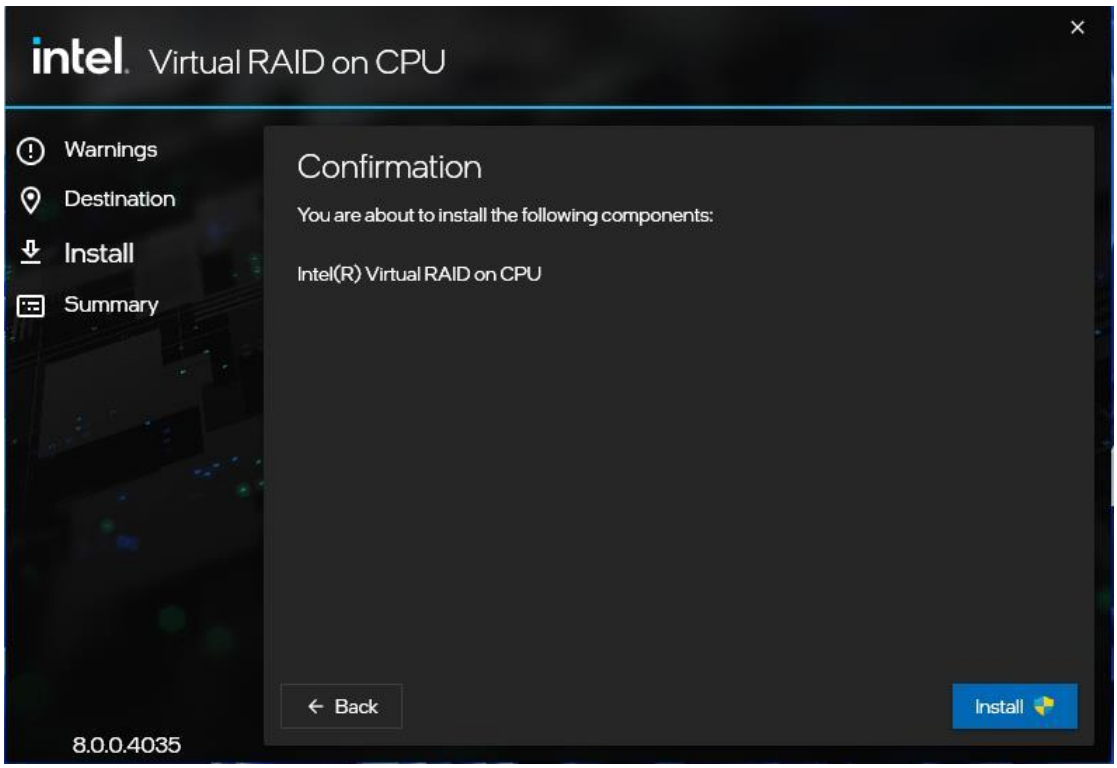
Step 4:

Select “Next” to install to the default folder, or click “Change” to choose another destination folder.



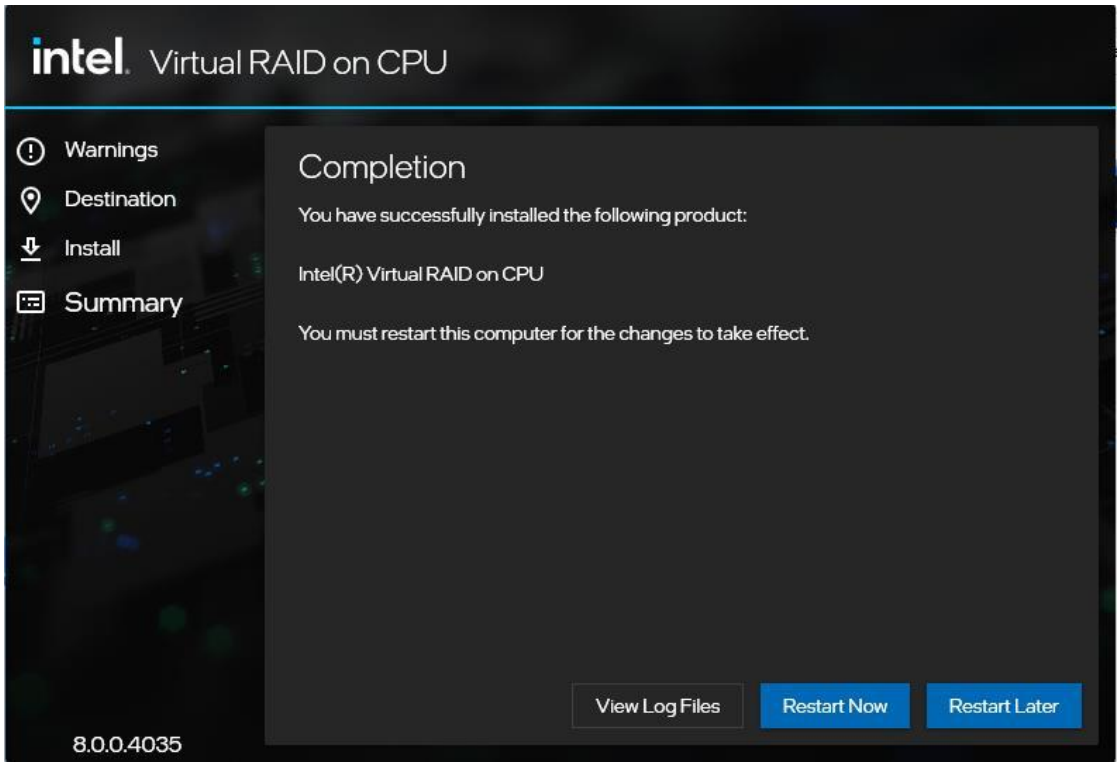
Step 5:

Click “Install” to install the selected components.

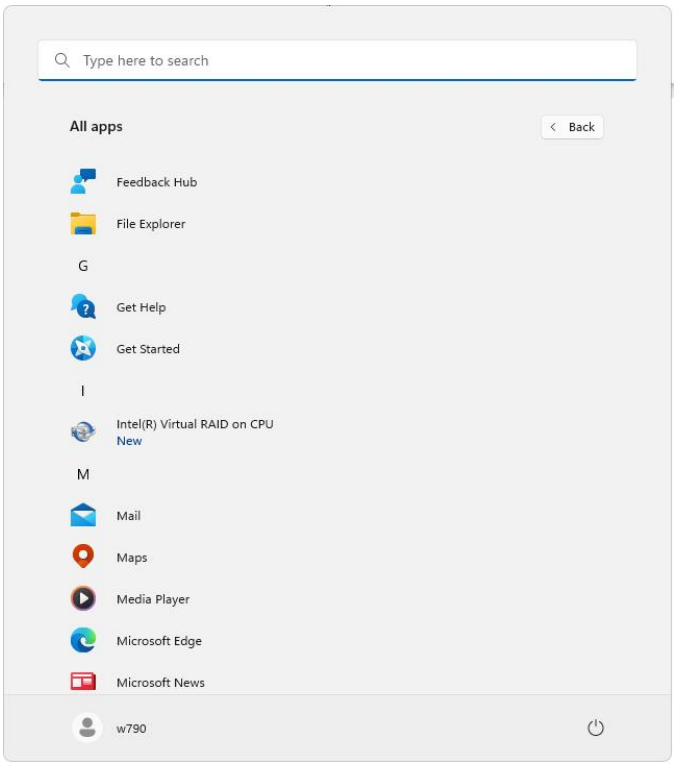


Step 6:

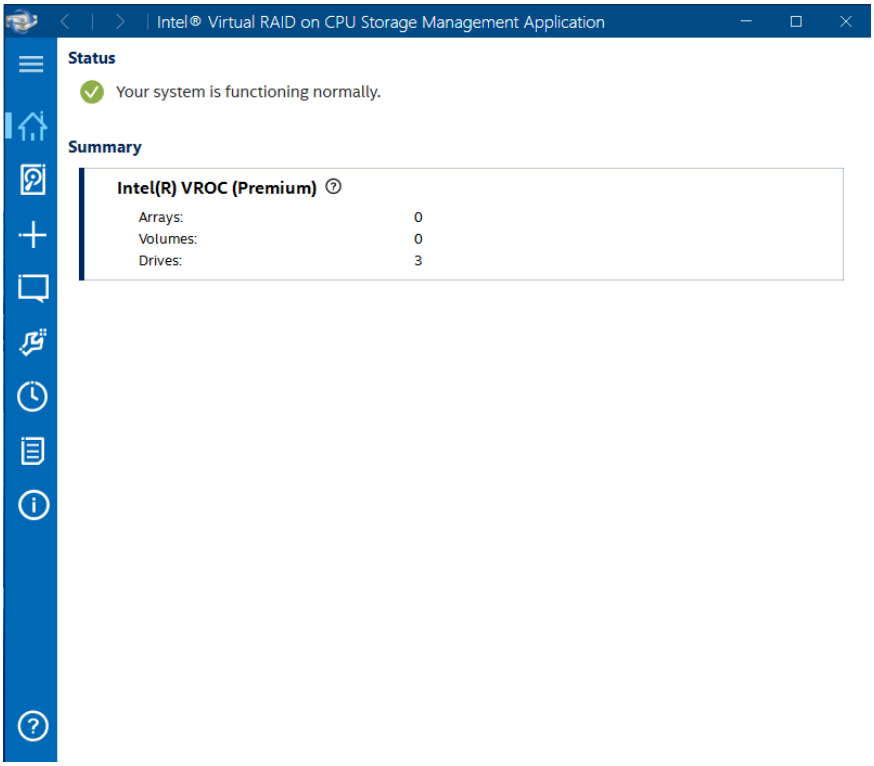
Click “Restart Now” to complete the installation process and reboot the system.



The “Intel® Virtual RAID on CPU” application will then appear in the Windows® Start menu.

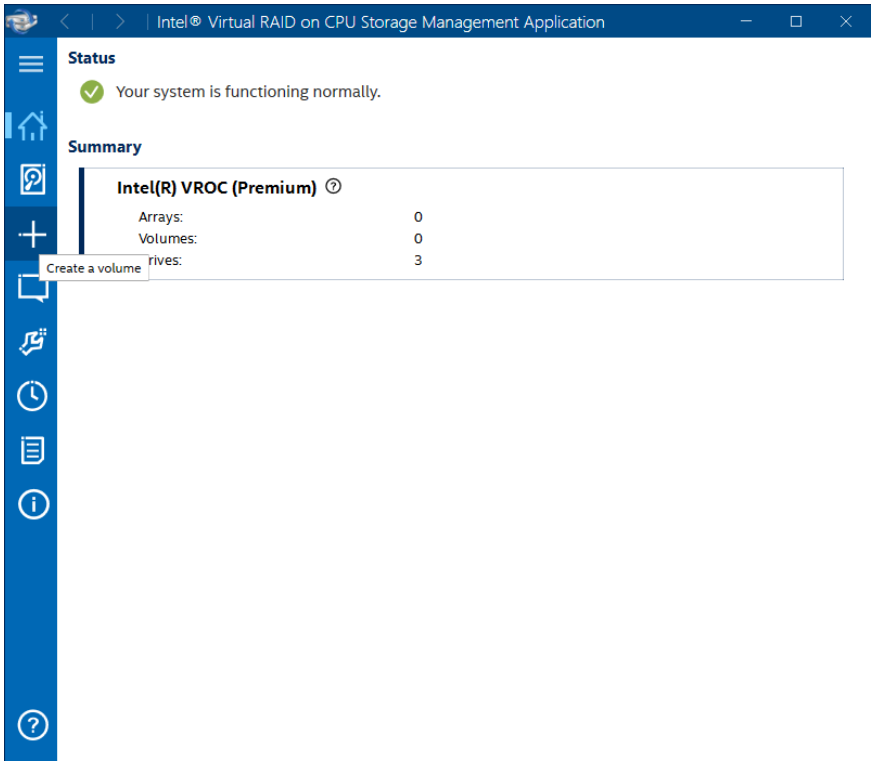


Launch the “Intel® Virtual RAID on CPU”



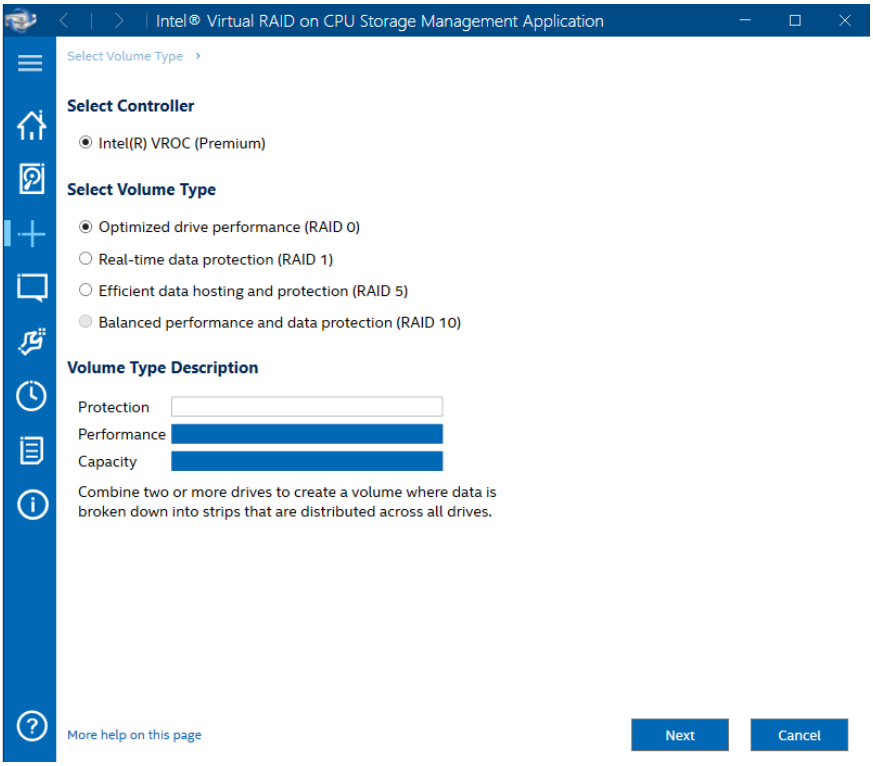
Step 7:

Within the menu pane on the left select the “+” (Create a Volume) to begin the process.



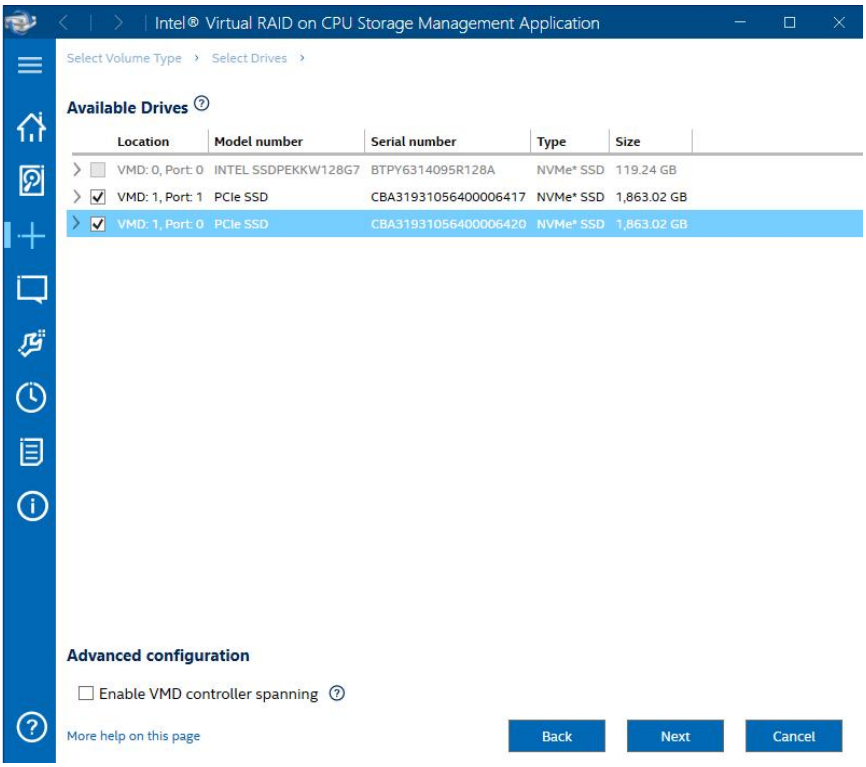
Step 8:

Select your desired RAID type and click “Next”.



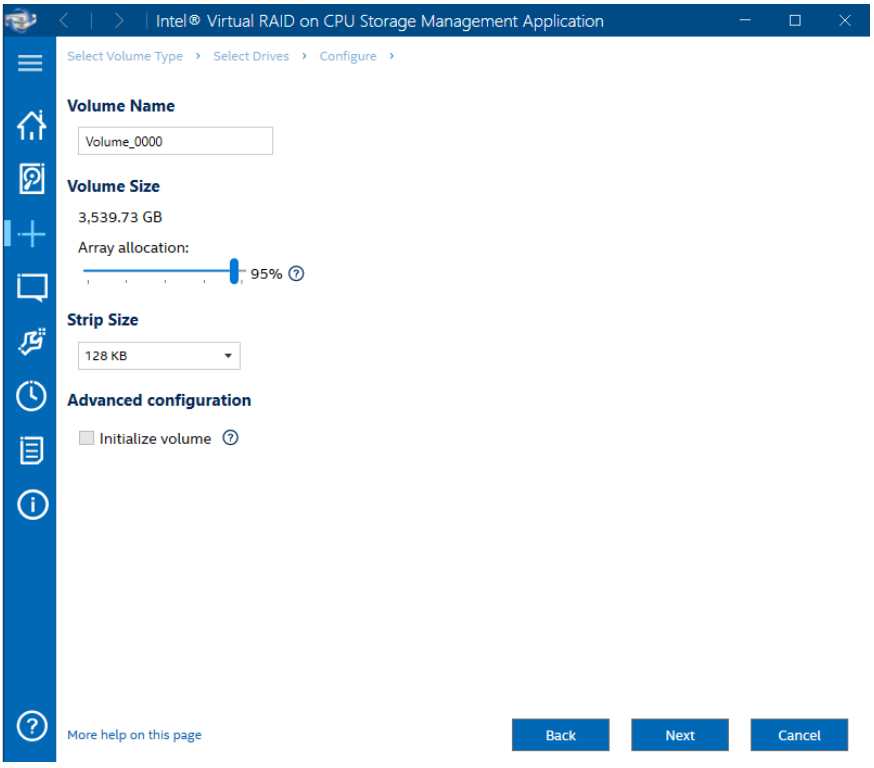
Step 9:

Select the hard drives to be included in the RAID array and then click “Next”.



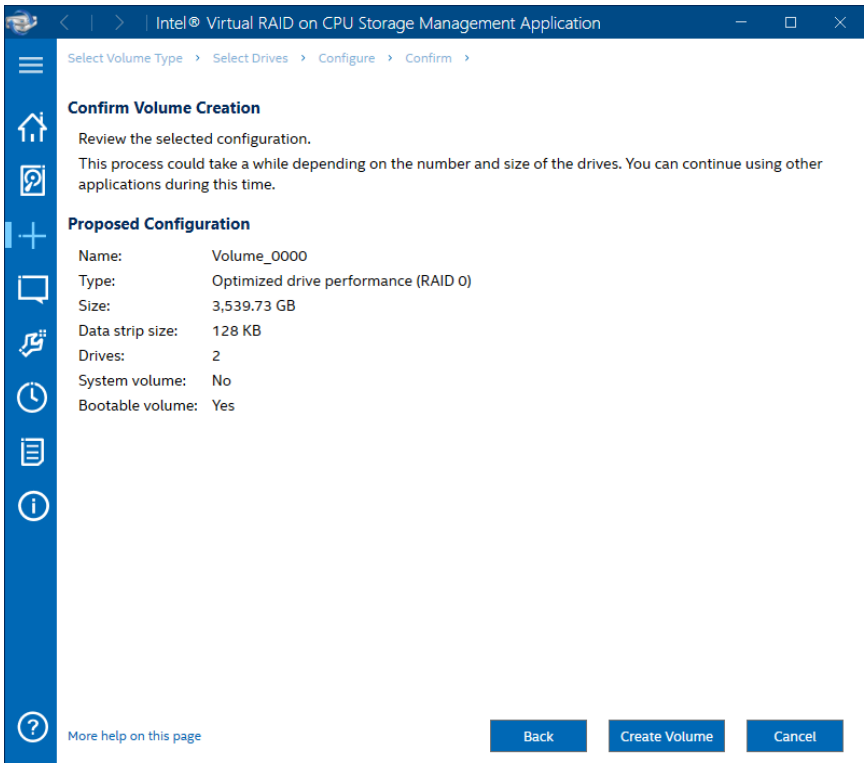
Step 10:

Configure the rest of the options and then click “Next”.



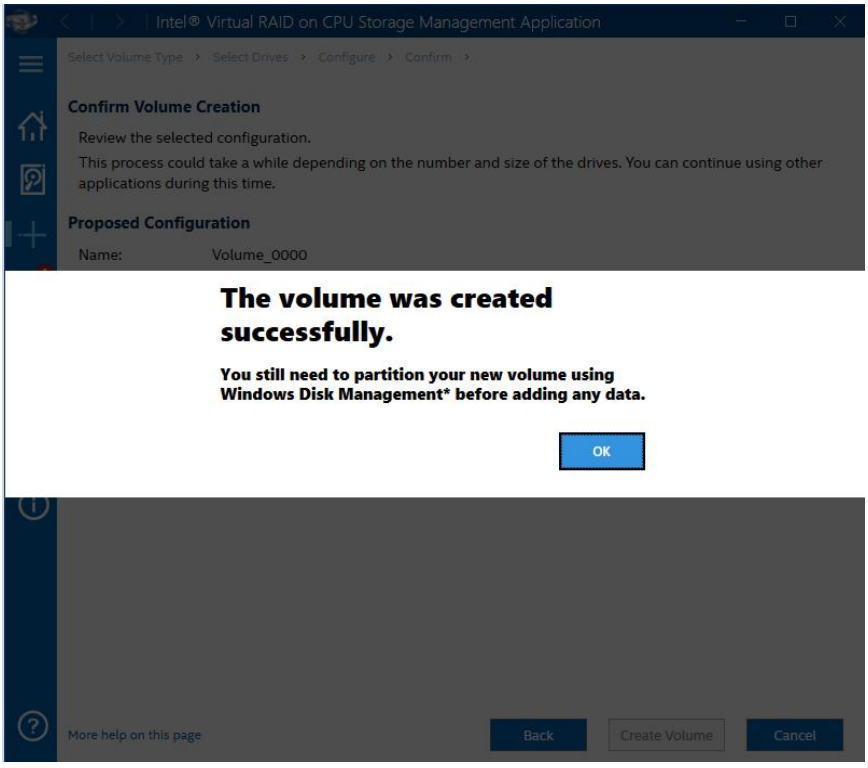
Step 11:

Configure Click “Create Volume”.

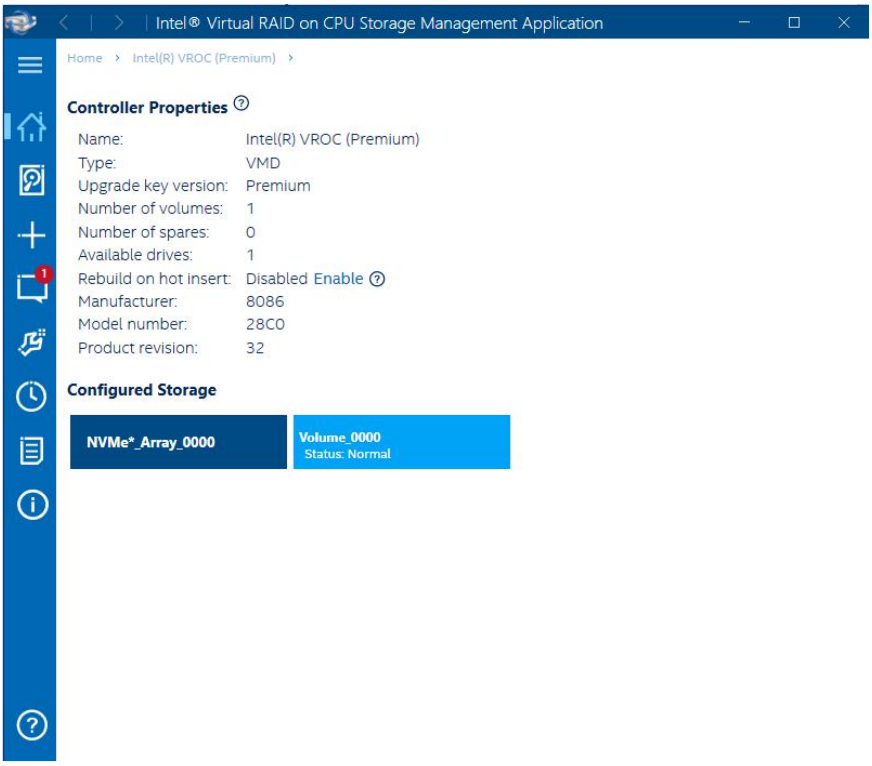


Step 12:

Click “OK” to continue. This will complete the volume creation process.

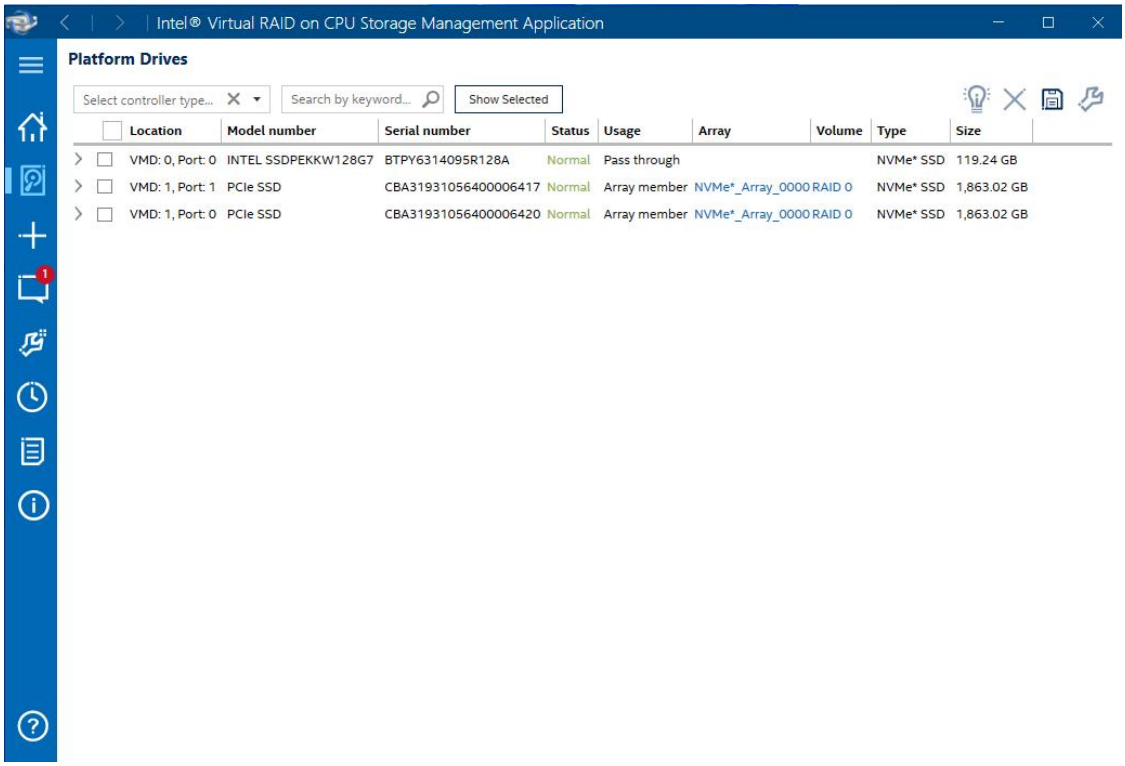


Volume Creation Complete



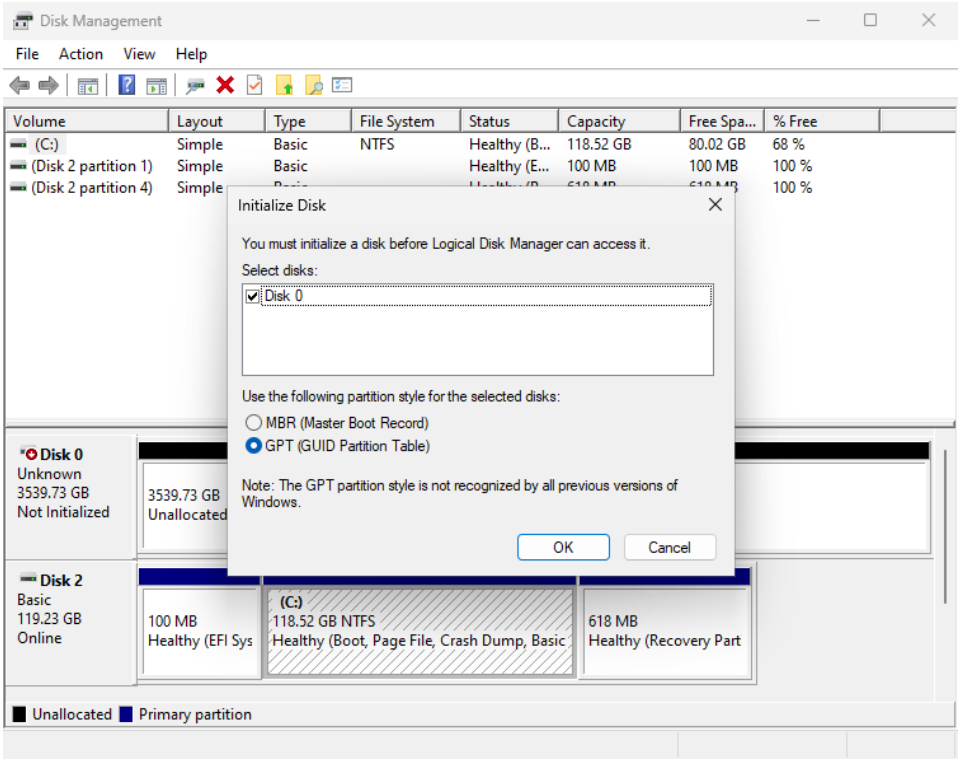
Step 13:

Within the menu pane on the left select the “Platform Drives” to view the current status and volume properties of the newly created RAID volume.



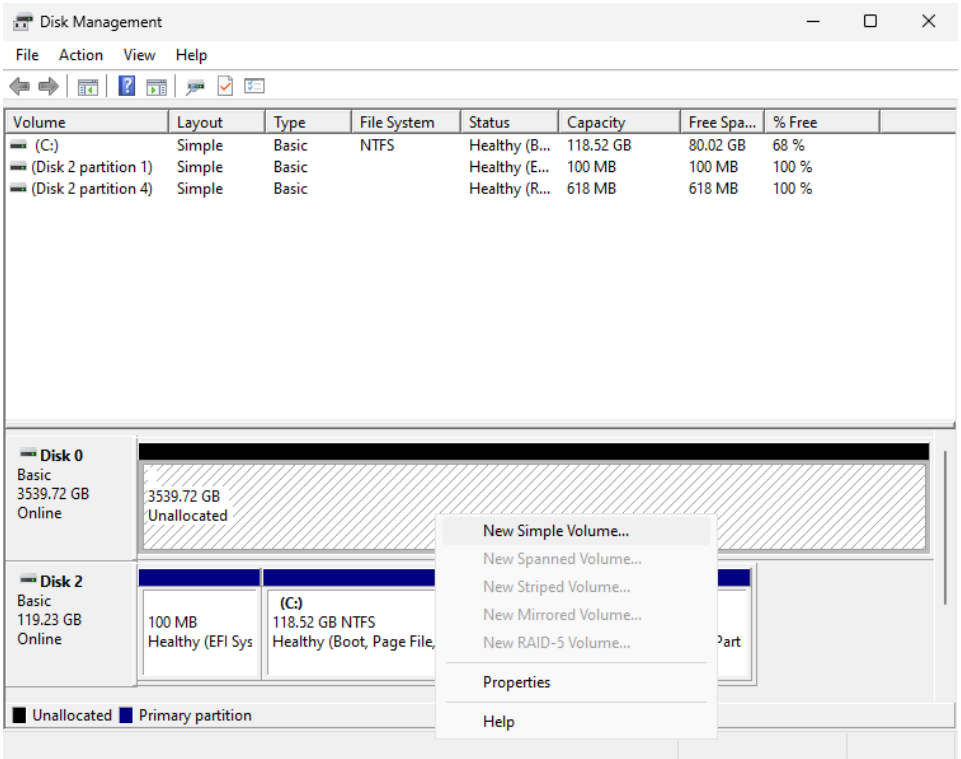
Step 14:

In Windows Desk Management, you need to initialize a disk before Logical Disk Management can access it. Click “OK”.



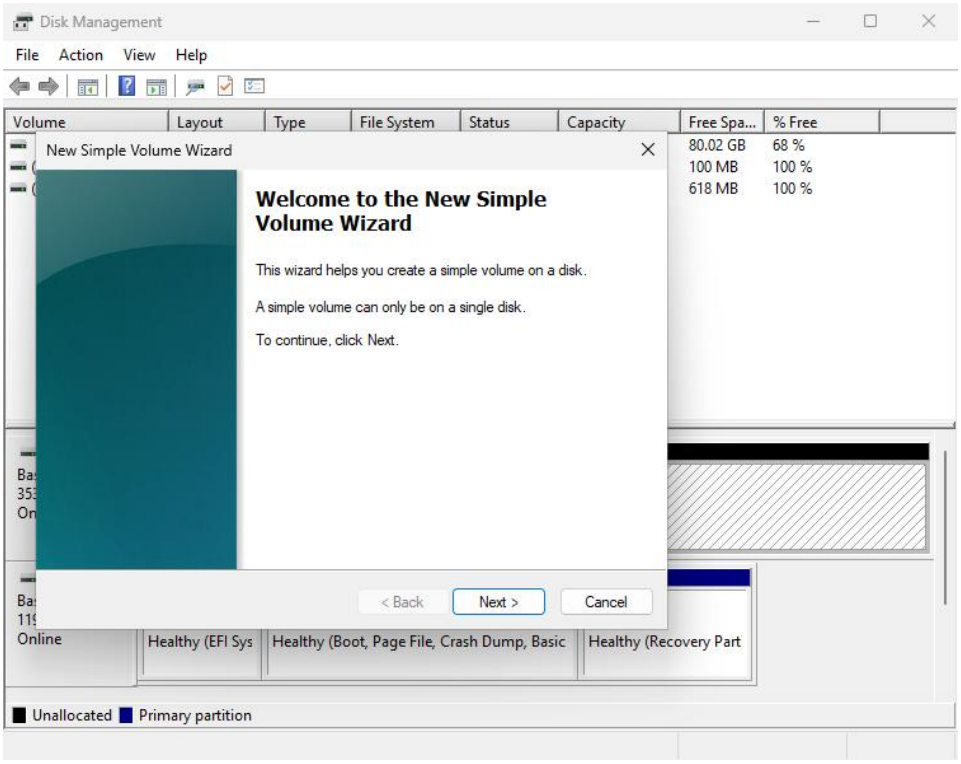
Step 15:

Right-click on Disk 0, click “New Simple Volume”.



Step 16:

Then follow the instructions on the New Simple Volume Wizard



Step 17:

Finally, you can start to use RAID 0 function.