# FAQ / Application Note

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|---|---|
| **Subject: Intel SATA RAID SOP** | |
| **FAQ Document No: S21019** | **Date: 2021/12/28** |
| **Model Name. HPM series** | **Rev. A1..** |
| **Category: □General □H/W ■S/W □Others,** 寫小分類 | |
| **Purpose:**<br>**Know how to setup intel SATA RAID** | |

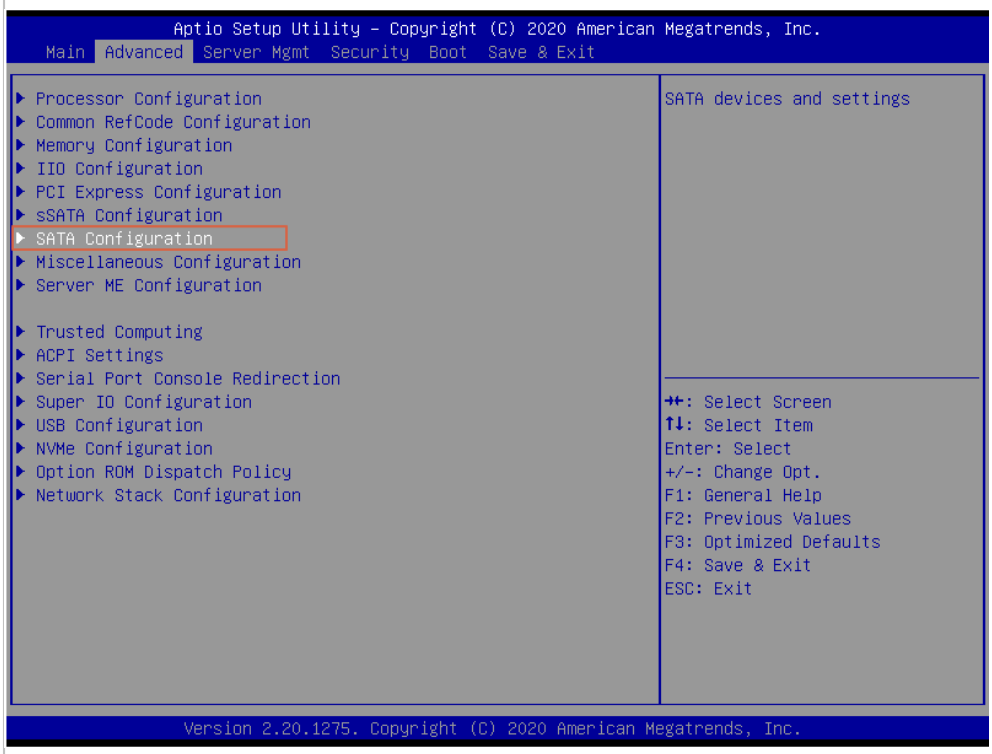
Note: Intel VROC SATA RAID is only available when the system is configured for UEFI boot mode.

To set RAID configuration, please follow the instructions below.

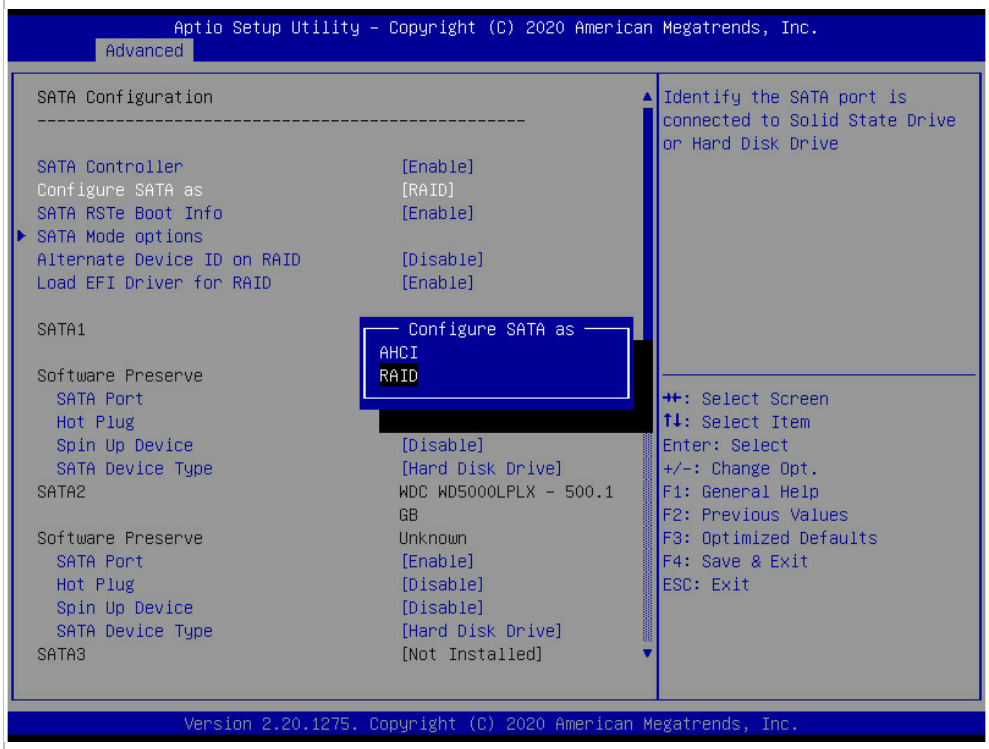
**Set RAID 1 (DATA Mirroring)**

**Step 1:**

- Enter SATA Configuration. If you install HDD in SSATA1 or SSATA2, go to sSATA Configuration.

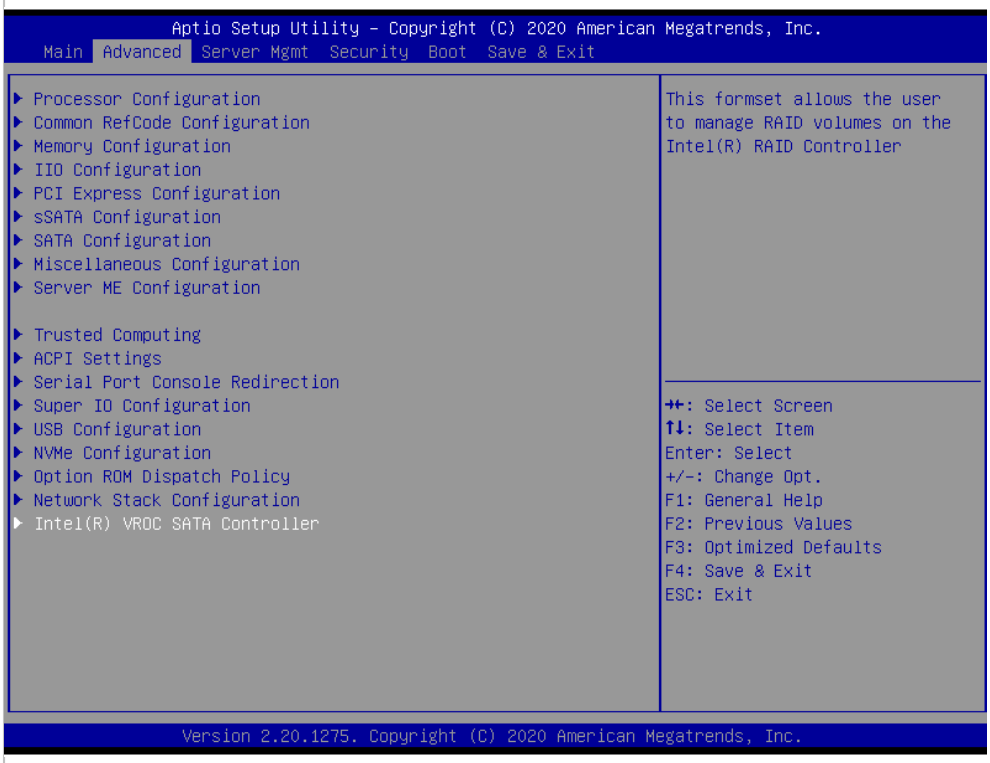



- Select “SATA Mode options” as “RAID”




- Press “F4” to Save and Reset system

**Step 2**: Enter “Intel® VROC SATA Controller”

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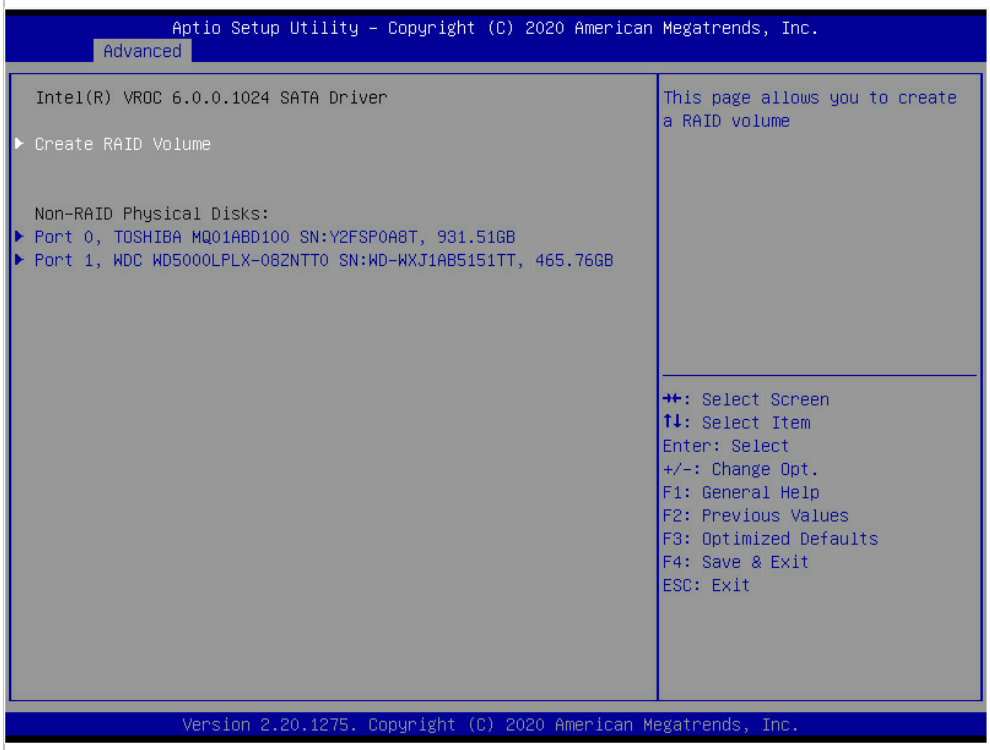
**Step 3**: Enter “Create RAID Volume”

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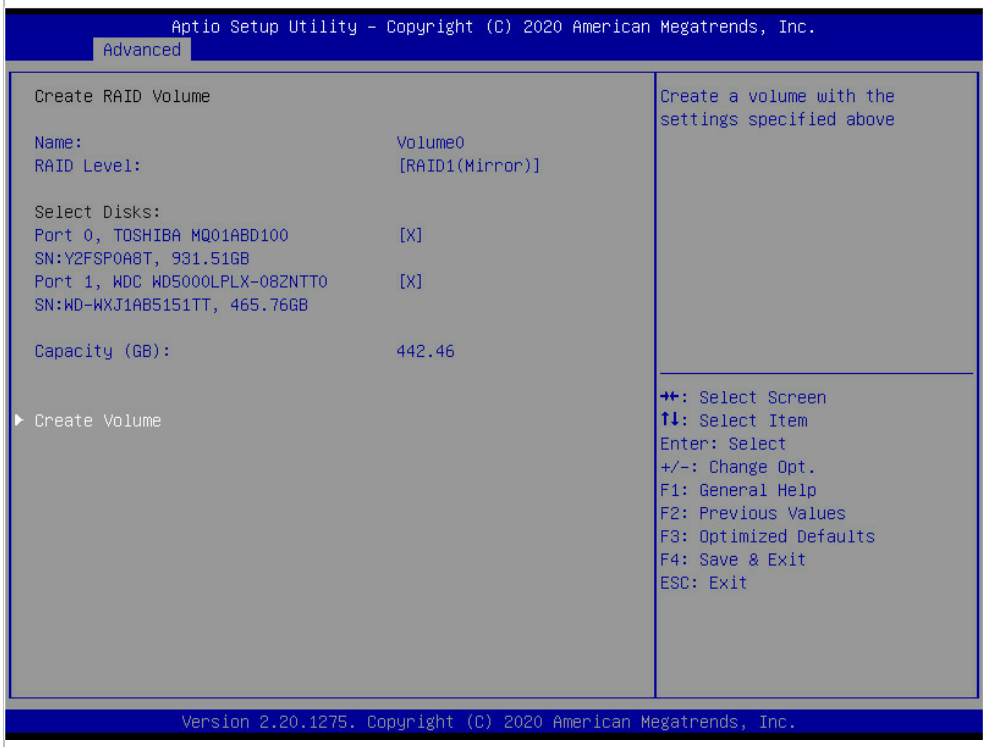
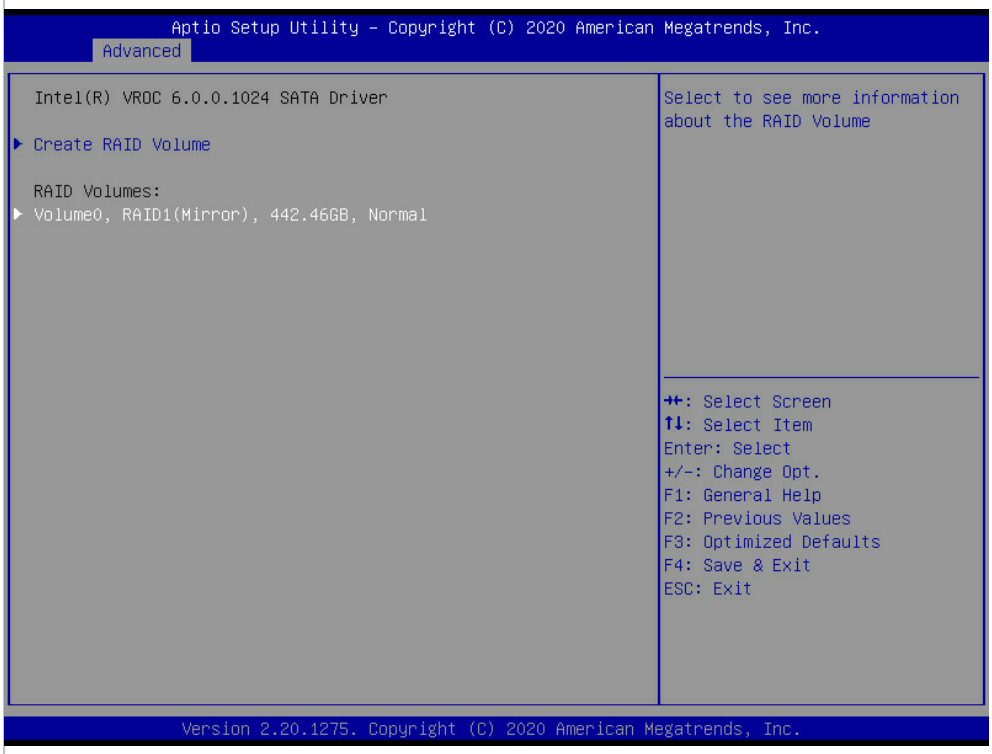
**Step 4**:

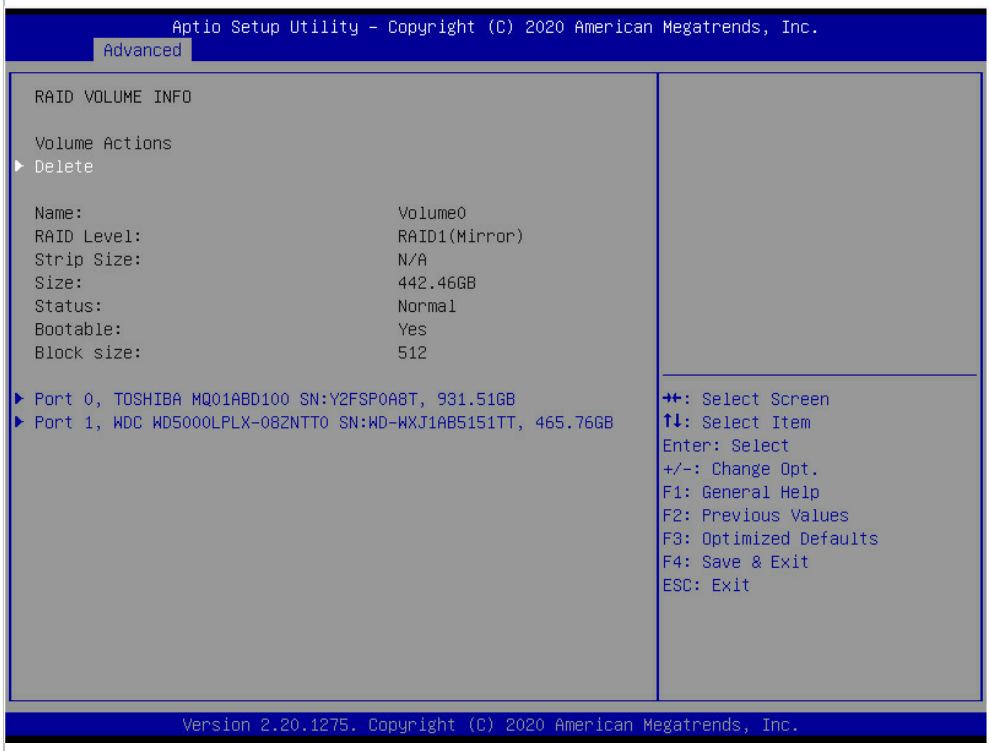
- Enter “Name” as “name of RAID”
- Set “RAID Level“ as “RAID1”
- Select Disks “Port 0” and ”Port 1”
- Select “Capacity”
- Enter “Create Volume”



**Step 5**: RAID1 has been created. Select ”Volume0” to check details.




**Step 6**: This page shows the RAID information.

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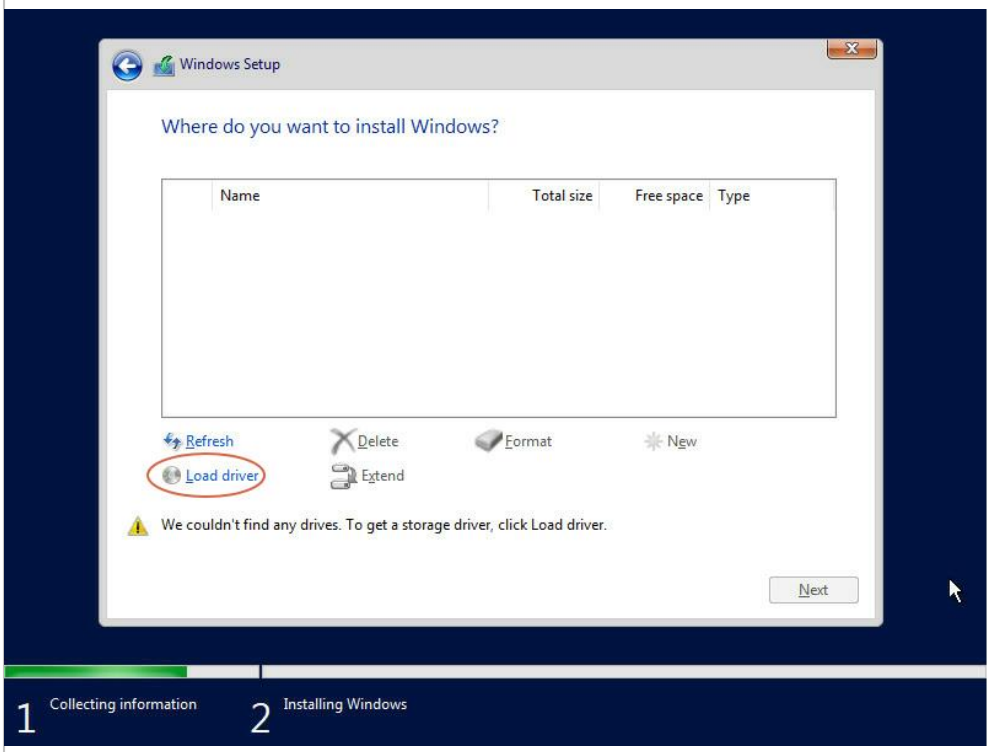
**Step 7**: [Download intel RAID driver from avalue web site](). Un-zip and put in USB drive.

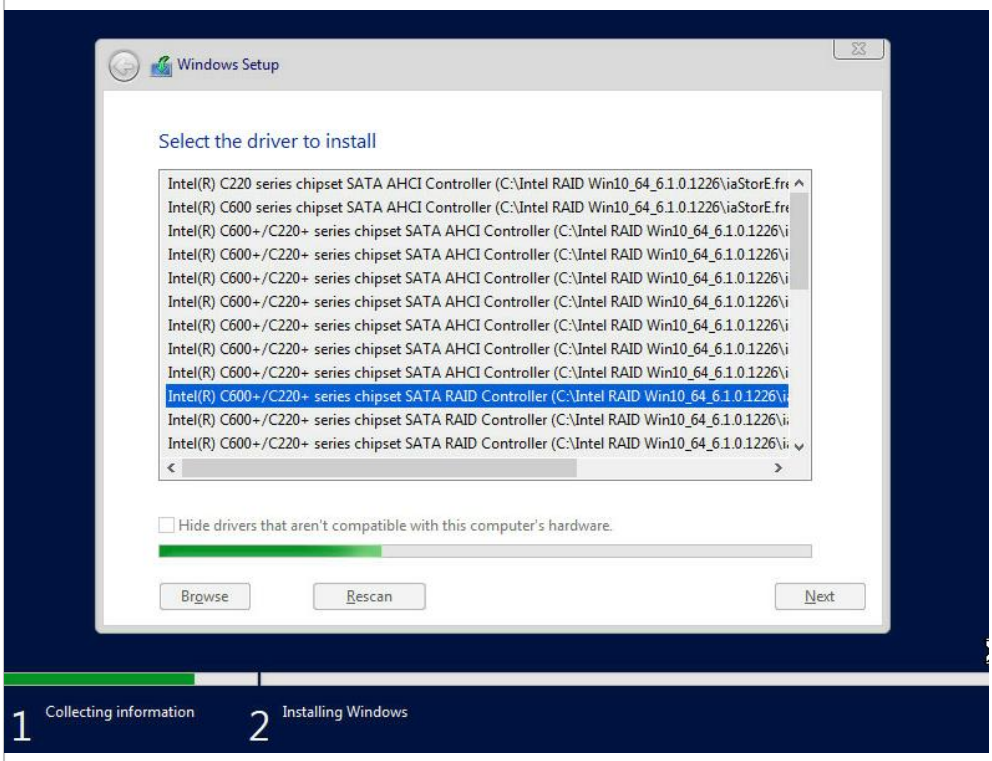
**Windows 10 64bit**

| No. | Release Date | Model | Description | Download |
|---|---|---|---|---|
| 1 | 2020-11-04 | HPM-621DE | Intel RAID Win10_64<br>Device:Other | |
| 2 | 2020-11-04 | HPM-621DE | Intel VROC win10_64<br>Device:Other | |
| 3 | 2020-11-04 | HPM-621DE | Intel Lan win10_64<br>Device:Gigabit_Ethernet | |
| 4 | 2020-11-04 | HPM-621DE | Aspeed VGA win10_64<br>Device:Video | |
| 5 | 2020-11-04 | HPM-621DE | Intel Chipset Win10_64_10.1.9.2<br>Device:Chipset | |

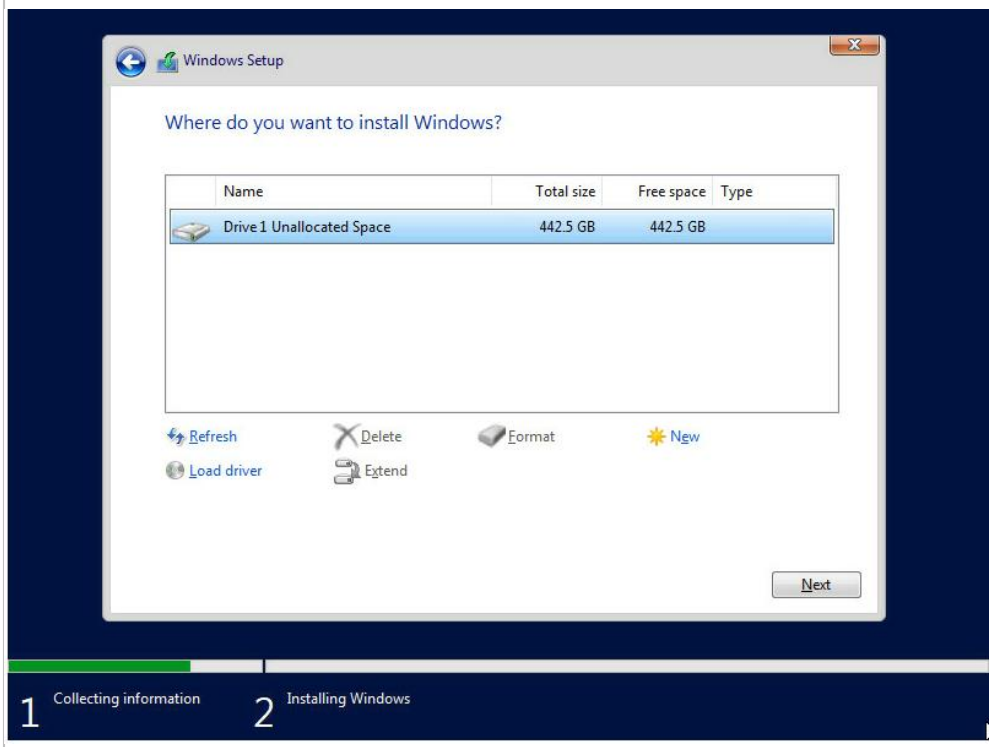
**Step** 8: Load driver from your USB when you install Windows




- Select SATA RAID Controller.




- After the driver is installed. We now have hard drive appears to install Windows.

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