M.2 SSD
Configuration Guide

M.2 SSD Types

MSI motherboards support both SATA interface and PCIe interface M.2 SSD. For SATA M.2 SSD, that can be used as a general hard disk drive. However, for PCIe M.2 SSD, there are many different types in the market, some PCIe M.2 SSDs have usage limit. The following table provides a summary for M.2 SSD types.

<table>
<tr><th>Type</th><th>Option ROM</th><th>Windows 7
(CSM mode on)</th><th>Windows 8
(CSM mode off)</th><th>Intel RST</th><th>RAID 0/1/5/10</th></tr>
<tr><td rowspan="4">PCIe</td><td>Without</td><td>As data storage drives only</td><td rowspan="2">1. As data storage drives
2. OS can be installed after PCIe NAND remapping</td><td rowspan="3">Only available with remapped SSD</td><td rowspan="3">Unavailable</td></tr>
<tr><td>Legacy</td><td rowspan="2">1. As data storage drives
2. OS can be installed</td></tr>
<tr><td>Legacy+UEFI</td><td rowspan="2">1. As data storage drives
2. OS can be installed
3. OS can be installed after PCIe NAND remapping</td></tr>
<tr><td>UEFI</td><td>As data storage drives only</td></tr>
<tr><td>SATA</td><td colspan="3">As general hard disk drives
1. As data storage drives
2. OS can be installed</td><td>Available</td><td>Available</td></tr>
</table>

Note

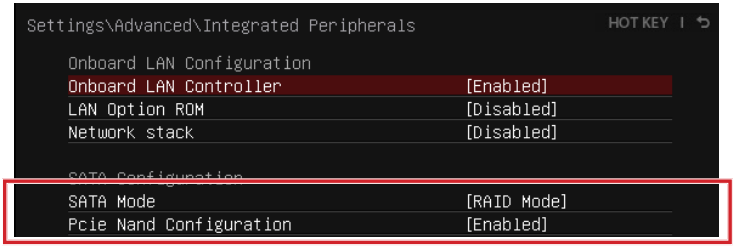
- *For Windows 8 installation, if you don't know what type of your PCIe M.2 SSD, we suggest you use PCIe NAND remapping feature.*
- *For Windows 7 installation, please check with vendor if your PCIe M.2 SSD has built-in Option ROM.*

How to use PCIe NAND remapping feature

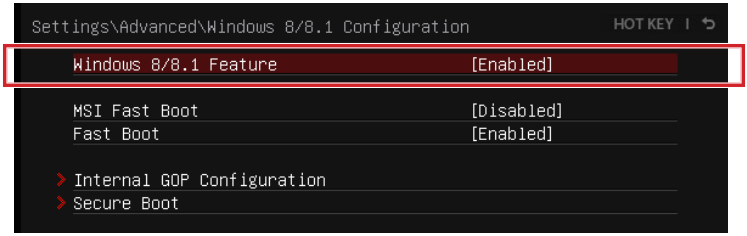
Due to PCIe M.2 SSD can't be detected under Intel RST feature, you can use PCIe NAND remapping feature to identify the PCIe M.2 SSD.

Please follow the steps below:

1. Press "DEL" to enter BIOS during boot.
2. Go to Setting\Advanced\Integrated Peripherals.



3. Set **SATA Mode** to **RAID Mode**.
4. Set **Pcie Nand Configuration** to **Enabled**.
5. Go to Setting\Advanced\Windows 8/8.1 Configuration.



6. Set **Winodws 8/8.1 Feature** to **Enabled**.
7. Press **F10** to save and reboot.

Check Status

Once the PCIe M.2 SSD is remapped, you can see the Intel RST driver shows the M.2 SSD information.

