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

Step 1: Set up UEFI and create a RAID array for bootable drive

Please make sure that your devices are installed to the same VMD domain.

A. During system boot, press <F2> or <Del> key to enter UEFI setup utility.
B. Go to Advanced → Storage Configuration.
C. Enter the "Intel VMD Technology" sub-menu to configure the Intel VMD (Volume management Device) Technology.
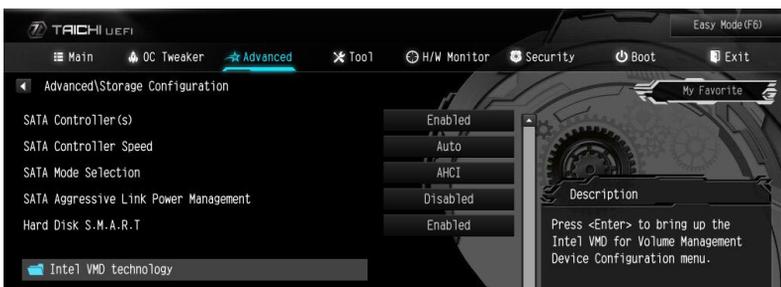
D. Enable VMD support for designated IOU. In this example, the "IOU2 (PCIE1)" is enabled.

Click <F10> to save and exit. After the system reboots, enter UEFI setup utility again.
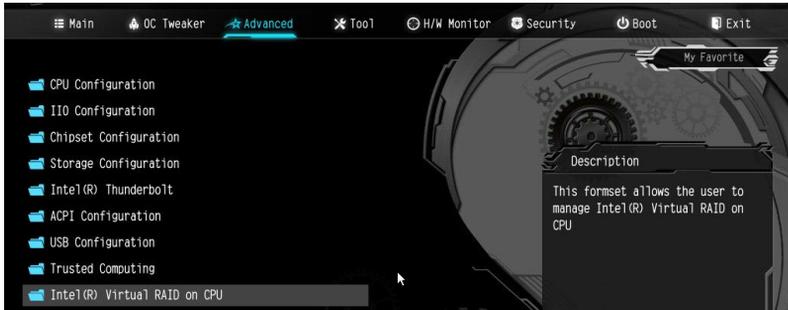
E Go to Advanced → IIO Configuration.

F. Set the M.2/PCIE slot that you have installed the VROC AIC to "x4 x4 x4 x4".
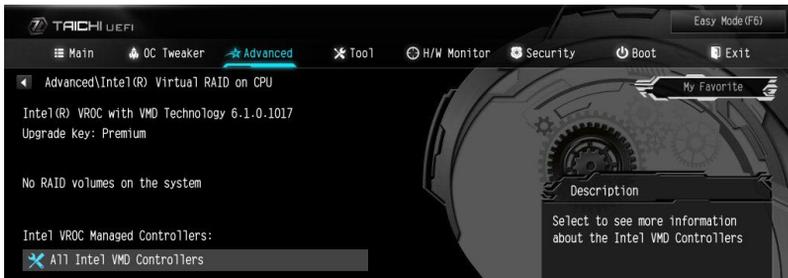

Click <F10> to save and exit. After the system reboots, enter UEFI setup utility again.

G. Go to Advanced → Intel Virtual RAID on CPU.

H. Press <Enter> on "All Intel VMD Controller".

I. Press <Enter> on "Create RAID Volume".

J. Key-in a a volume name and press <Enter>, or simply press <Enter> to accept
    the default name. Select your desired RAID Level and press <Enter>.
    *Please note that RAID 1, 5 and 10 are only available when you install the
     Intel® VROC key module.

K. Select the SSDs to be included in the RAID array and press <Enter>.

L. Select "Create Volume" and press <Enter> to start creating the RAID array

    *If you want to delete a RAID volume, select the option "Delete" on the RAID volume info page and press <Enter>.

M. Click <F10> to save and exit.

Step 2: Windows Installation

A. During Windows installation process, when Disk selection page show up, please click <Load Driver>.
B. Click <Browse> to find the driver inside the CD.
C. Please follow Windows installation instruction to finish the process.