New Intel PCIe based NVMe SSD Device

- A Family of 2.5" SFF/AIC PCIe SSDs
  - NVMe compliant
  - 200GB – 2000GB
  - Up to 25W Active Power

SKU Size	Random Read 4K IOPS	Random Write 4K IOPS	Seq. Read BW 64K Ops	Seq. Write BW 64K Ops	Max Power
200GB	300K	35K	1,400MB/s	400MB/s	15W
400GB	400K	75K	2,700MB/s	900MB/s	20W
800GB	450K	150K	2,800MB/s	1,700MB/s	25W
1,600GB	450k	150K	2,800MB/s	1,700MB/s	25W
2,000GB	450K	150K	2,800MB/s	1,700MB/s	25W

Perfect fit to host Journals

- 20nm HE MLC NAND
  - High Endurance
  - 10 Drive Writes/Day
- Fully Integrated *NVM Express* Controller
  - Power Fail Write Cache
  - End-to-End Datapath Protection
  - Endurance Management
  - Power and Thermal Throttling

```
INTEL SSDPEDMD800G4  CVFT40300057800CGN  8DV10036  /dev/nvme0
INTEL SSDPEDMD800G4  CVFT4030006F800CGN  8DV10036  /dev/nvme1
[root@rx38-0 ~]# ls -l /dev/nvm*
crw-rw---- 1 root root  10, 59 Mar 25 14:16 /dev/nvme0
brw-rw---- 1 root disk 252,  0 Mar 31 20:17 /dev/nvme0n1
brw-rw---- 1 root disk 252,  1 Mar 31 20:17 /dev/nvme0n1p1
crw-rw---- 1 root root  10, 58 Mar 25 14:16 /dev/nvme1
```