

Intel® VROC SKUs and Licensing

Intel Virtual RAID on CPU (Intel® VROC) supports the below feature sets (SKUs) that requires a licensing mechanism to activate. Purchase the proper licensing from your platform provider.

Intel® VROC SKUs

| | | Pass-thru (no license) | Standard SKU | Premium SKU | Intel® SSD SKU |
|--|--|---------------------------|-----------------|----------------|-------------------|
| Intel® VMD | CPU attached NVMe: <ul style="list-style-type: none"> Hot-plug/Surprise Removal LED Management 3rd Part SSD Support (non-RAID) | √ | √ | √ | √ |
| Intel® VROC (VMD NVMe RAID) | 3 rd party SSD support (RAID) | - | √ | √ | - |
| | Bootable RAID | - | √ | √ | √ |
| | RAID 0/1/10 | - | √ | √ | √ |
| | RAID 5 | - | - | √ | √ |
| Intel VROC (SATA RAID) | SATA RAID on PCH <ul style="list-style-type: none"> Bootable RAID RAID 0/1/5/10 | √ | √ | √ | √ |
| Integrated Caching | RAID Acceleration <ul style="list-style-type: none"> Intel Optane SSD Cache | - | - | √ | √ |

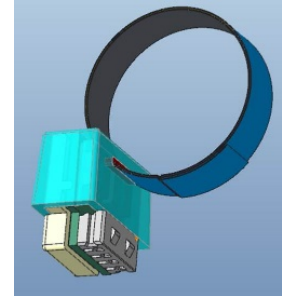
Figure 1: Intel VROC offers basic functionality with no license (Pass-thru) with license options to add three RAID enabled feature sets (Standard, Premium, Intel SSD)

Two licensing options are offered as mechanisms to acquire Intel VROC licenses:

1. **Intel VROC HW Key**

HW Key inserted into a motherboard header to enable desired Intel VROC feature set

| SKU | Item Name | Item Description |
|----------------|-------------|--|
| Standard | VROCSTANMOD | Intel VROC: Standard RAID 0/1/10 |
| Premium | VROCPREMMOD | Intel VROC: Premium RAID 0/1/5/10 |
| Intel SSD Only | VROCISSDMOD | Intel VROC: Intel-SSD only RAID 0/1/5/10 |



2. **Intel VROC Keyless Licensing**

A persistent BIOS parameter that platform providers integrate to set Intel VROC functionality. This can be set in the factory by the platform manufacturer, or via a field upgrade mechanism provided by the platform provider.

| SKU | Item Name | Item Description |
|----------------|-----------|--|
| Premium | VROCPREM | Intel VROC: Premium RAID 0/1/5/10 |
| Intel SSD Only | VROCISSD | Intel VROC: Intel-SSD only RAID 0/1/5/10 |

Please consult platform provider for their specific licensing details