intel.

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

	Features	Pass-thru (Included with PCH)	Standard SKU	Premium SKU	RAID1 Only SKU **
Intel® VMD	Hot-plug	✓	✓	✓	✓
	Fault Isolation	✓	✓	✓	✓
	LED Management	✓	✓	✓	✓
NVMe RAID	Bootable RAID	–	✓	✓	RAID1 only
	RAID 0/1/10	–	✓	✓	RAID1 only
	RAID 5	–	–	✓	–
SATA RAID	SATA RAID on PCH • Bootable RAID • RAID 0/1/5/10	✓	✓	✓	✓

Figure 1: Intel® VROC offers basic functionality included with PCH. Option to add three RAID enabled feature sets (Standard, Premium, RAID1 Only)
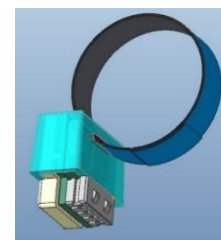
**RAID1 Only SKU is available starting with 5th Gen Intel® Xeon® via Intel® On Demand only

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
Premium	VROCPREMMOD	Intel® VROC Premium SKU (RAID 0/1/5/10)
Standard	VROCSTANMOD	Intel® VROC Standard SKU (RAID 0/1/10)

2. Intel® On Demand

   Intel® On Demand activation model is a solution managed primarily by hardware providers to enable license-based activation of select CPU features and software throughout Intel® Xeon® CPU lifecycle. Depending on the hardware provider, licenses can be purchased to enable Intel® VROC (available with 5th Gen Intel Xeon Scalable Processors codenamed Emerald Rapids) during manufacturing or in field as an upgrade.

SKU	Item Name	Item Description
Premium	VROCPR	Intel® VROC Premium SKU (RAID 0/1/5/10)
Standard	VROCST	Intel® VROC Standard SKU (RAID 0/1/10)
RAID1 Only	VROCBT	Intel® VROC RAID1 Only SKU (RAID 1)

Please consult platform provider for their specific licensing details