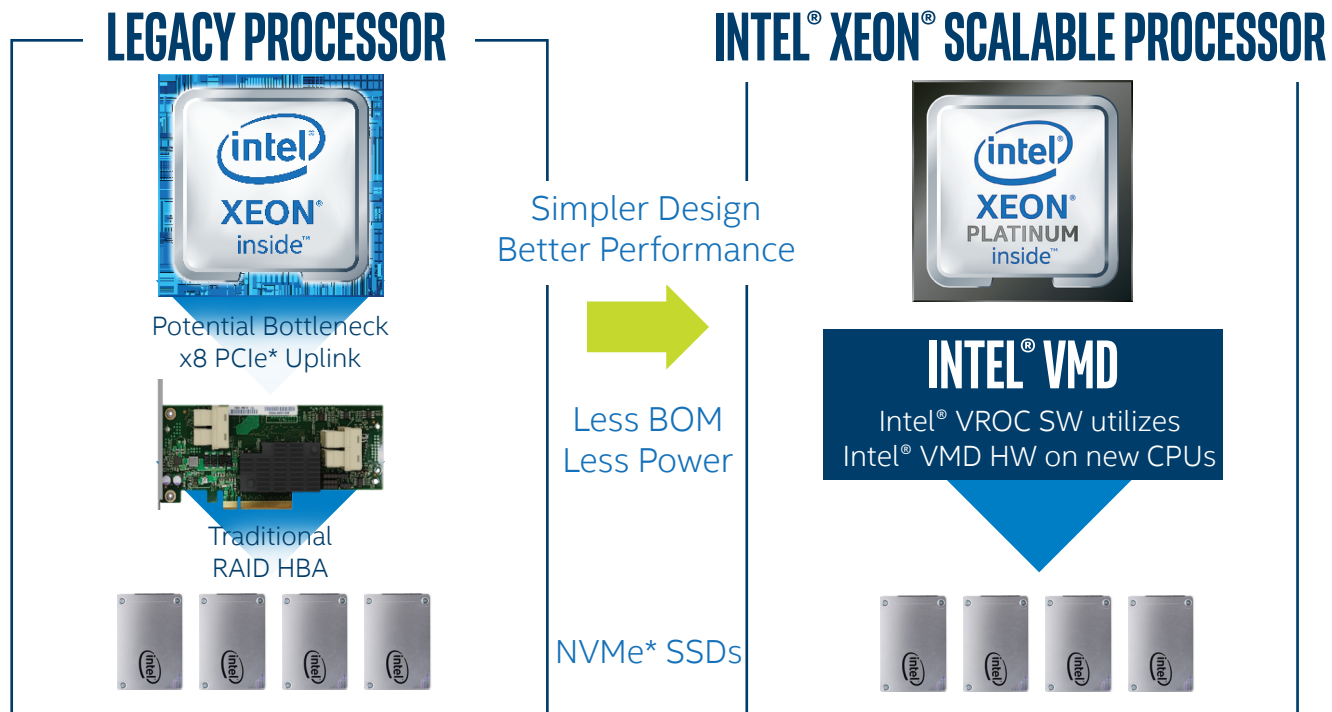


INTEL® VIRTUAL RAID ON CPU

Intel® Virtual RAID on CPU (Intel® VROC) - an enterprise RAID solution for NVMe* SSDs directly attached to Intel® Xeon® Scalable processors.



Intel® VROC provides compelling RAID solutions for NVMe SSDs

Bootable RAID	Build redundancy to protect your system volume
Hot Insert & Surprise Removal	Expand volume, replace bad or unhealthy drive without system reboot
LED Management	Visually display RAID and/or volume member status via LEDs
Close RAID5 Write Hole	Maintain data integrity with no battery backup unit
RAID Management	Remote management via webpages or RESTful APIs, pre-OS management via UEFI HII & CLI, OS management via GUI and CLI
3rd Party Vendor SSD Support	Validation, WHQL and support for selected 3rd party SSDs
OS Support	Windows* and Linux*. Intel® VROC for Linux is open-source, builds on MDRAID

INTEL® VROC SKU AND HW KEY

Intel® VROC HW key is a license key. It's used to detect Intel VROC SKU and activate functionality accordingly. **HW key needs to be plugged into the platform all the time.**

ORDERING INFO

MM#	Item Name	Item Description
951605	VROCSTANMOD	Intel VROC Upgrade Module – Standard (RAID 0, 1, 10. Support selected 3 rd party SSD)
951606	VROCPREMMOD	Intel VROC Upgrade Module – Premium (RAID 0, 1, 5, 10. Support selected 3 rd party SSD)
956822	VROCISSDMOD	Intel VROC Upgrade Module – Intel® SSD only (RAID 0, 1, 5, 10. Support Intel SSD only)

Intel® VROC

Intel® RAID Software
Intel® VMD Driver
NVMe* Driver

(one integrated SW product,
utilizes Intel® VMD HW)

INTEL® XEON® SCALABLE PROCESSOR

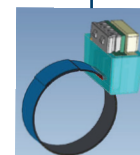


Intel® VMD



Intel® VROC RAID array

DMI



Intel® VROC
RAID upgrade key

Server	
OEM	Platforms
Lenovo *	ThinkServer HR630X/HR650X
Huawei *	RH1288 V5, RH2288 V5
H3C *	Uniserver R2700 G3, R2900 G3, R4700 G3, R4900 G3, R6900 G3
Quanta *	QuantaGrid G52B-1U, Q72D, D52T, D52BQ, D52B
Supermicro *	X11DPU, X11DSC, X11SPW, X11SPH, X11DPG, X11DPX, X11SPM, X11SPL, X11DPI
PCSD *	Platforms based on S2600WF_, S2600BP_ and S2600ST_ Server Boards
Hpe *	Cloudline Servers
WS	
OEM	Platforms
Dell *	Precision Workstation 3000, 5000, and 7000 Series
Lenovo	P920, P720, P520, P520C
HP *	Z6, G4, Z8 G4