



INTEL® VIRTUAL RAID ON CPU (INTEL® VROC)

SUPPORTED CONFIGURATIONS

Intel® VROC 5.2

This document covers the solid state drives (SSD), operating systems (OS), and configurations supported by Intel® Virtual RAID on CPU (Intel® VROC). If any of this information conflicts with the support information provided by a platform OEM or ODM, the platform documentation and configurations should take precedent.

The support guidance is dependent on the Intel® VROC version being used. This document is for Intel® VROC 5.2. If you are using another Intel® VROC version, please reference the Supported Configurations guide for that version.

NVME* SSD SUPPORT LIST

This section covers the SSDs that are supported on the product Intel® Virtual RAID on CPU. This includes the Intel® SSDs and third-party SSDs from other vendors.

Intel® SSDs	Third Party Vendor SSDs
Intel® VROC will support all Intel® SSDs for Data Center with NVMe*, regardless of the Intel® VROC release version being used. For the current reference list of Intel® SSDs supported, please review the Supported Configurations Guide for the most recent Intel® VROC release.	<p>Huawei</p> <ul style="list-style-type: none">• ES3600P* <p>Micron</p> <ul style="list-style-type: none">• 9100 Series* <p>Samsung</p> <ul style="list-style-type: none">• SM951*• SM961*• PM953*• PM961* <p>Toshiba</p> <ul style="list-style-type: none">• XG3* <p>Lenovo</p> <ul style="list-style-type: none">• Atsani*



OS SUPPORT LIST

This section covers the operating systems that are supported on the product Intel® Virtual RAID on CPU.

Linux*	Windows*
RedHat Enterprise* Linux: <ul style="list-style-type: none"> • RHEL 7.3 SUSE Linux* Enterprise: <ul style="list-style-type: none"> • SLES 12 SP3 	Windows* 7 SP2 Windows* 10 Windows* 2012 R2 Windows* 2016

SUPPORT HW CONFIGURATIONS

This section covers the configurations and platform limitations supported on the product Intel® Virtual RAID on CPU.

Configurations	
SSD Totals: <ul style="list-style-type: none"> • 4 Direct Attached SSDs per Intel® VMD controller • 24 SSDs per Intel® VMD Controller when using switches • 24 SSDs per RAID 0/5 array • 4 SSDs per RAID10 array • 2 SSDs per RAID1 array • 24 SSDs per platform when using switches 	Platform Considerations: <ul style="list-style-type: none"> • Up to 2 levels of switches • Up to 2 RAID volumes per array • Data volumes can span Intel® Volume Management Device controllers and CPUs Boot volumes cannot span Intel® Volume Management Device controllers

Intel technologies' features and benefits depend on system configuration and may require enabled hardware, software or service activation. Performance varies depending on system configuration. **No computer system can be absolutely secure.** Check with your system manufacturer or retailer or learn more at intel.com.

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