

Intel® Solid State Drive Client PCIe* Microsoft* Windows* Driver

Release Notes

September 2019
Software Version 4.4.0.1003

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Intel® Solid-State Drive PCIe* Driver



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Driver Revision History

Date	Document Version	Driver Version	Description
September	020	4.4.0.1003	 New for this release: Added support for Intel(R) SSD 665p Series Resolved possible BSOD when issuing a temperature request Windows* PowerShell* interface returns correct information for Serial Number
July	019	4.3.0.1006	Updated with certification for Microsoft Windows 10 Client family version 1903
April	017	4.3.0.1006	Resolved possible BSOD when issuing a Query Property temperature request Improved hot plug handling Known issues: Possible BSOD during System Sleep and Hibernate – currently suspected to be caused by a device/PCI error. No workaround at this time. Possible BSOD during System Sleep and Hibernate with multiple namespaces present
November	016	4.2.0.1002	New for this release: Support for Intel SSD 660p Series Resolved issues with hangs seen with third-party tools that monitor system status via S.M.A.R.T. interface Improved SCSI to NVMe command translation Known issues: Possible BSOD when issuing a Query Property temperature request.



Date	Document Version	Driver Version	Description
July	015	4.0.0.1007	DLL injection vulnerability (INTEL-SA-00154) was fixed with this release For more information on INTEL-SA-00154, please visit the following link - https://www.intel.com/content/www/us/en/security-center/advisory/intel-sa-00154.html
April	014	4.0.0.1007	New for this release: • Support for Intel Optane 905P Series
February	013	4.0.0.1007	New for this release: Support for Intel SSD Pro 7600p/760p/E 6100p Series Support for public Windows IOCTLs introduced in Windows 10 Support for features and functionality defined in the NVMe 1.3 specification
December	012	3.2.0.1002	New for this release: • Support for Intel Optane 900P Series
October	011	3.1.0.1021	New for this release: • Fixed BSOD/enumeration issue during hot plug • Fixed BSOD during Windows 7 OS installation
August	010	3.1.0.1009	New for this release: • Updates to SCSI translation for commands including Mode Select, Read Capacity, Security IN, and EUI64



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Мау	009	3.0.0.1013	New for this release: Hardened Driver Security Updated to NVMe Spec 1.2c Added support for Get/Set Feature Payloads when using vendor unique feature IDs Added support for the Storage Firmware Update IOCTL
November	008	1.8.0.1011	 The following was fixed in this release: NVMe driver no longer installs over the RSTe driver Adding support for the Windows 10 FW Update IOCTL Fixed Yellow Bang after surprise hot-plug that occurs in some cases Fixed BSOD during queue full condition with I/O Fixed BSOD during S3 resume that occurs in some cases Fixed BSOD during device power down that occurs in some cases on Windows 7
July 2016 June 2016	006	1.7.0.1002	The following was fixed in this release: BSOD during continuous reboot testing NVMe DVL errors blocking Windows Server 2016 Certification
April 2016	005	1.5.0.1002	New for this release: Set SCSI Mode Sense FUA bit as supported Minor performance improvement Implement SCSI Verify translation to NVMe*
September 2015	004	1.3.0.1007	 New for this release: Windows 10 Certification Single installer for both x32 and x64 based Operating Systems The following was fixed in this release: After Uninstall device shows an "unknown device," it now reports as PCIe* device. BSOD when installed on systems with 0x120 logical Cores Installer using silent install does not copy the license.

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Date	Document Version	Driver Version	Description
June 2015	003	1.2.0.1002	 The following was fixed in this release: Disable of NVMe Controller takes too long after S3+S4. WHCK Trim Performance Test executable encounters a divide-by-zero error and fails to execute. WHCK Rotational Rate Test Fails, Reporting 0 RPM Update Windows Driver BusType to NVMe
February 2015	002	1.1.0.1004	The following was fixed in this release: Ox9F BSOD during S3/S4 testing BSOD due to low System Memory under 32bit Drive does not translate some SCSI commands – READ CAPACITY, REQUEST SENSE and WRITE(6) Windows Driver INF references Windows XP, there is no driver support and reference was removed
September 2014	001	1.0.0.1023	Initial release version
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