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

Release Notes

July 2018
Software Version 4.0.0.1007
## Driver Revision History

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| July       | 014              | 4.0.0.1007     | New for this release:  
- DLL injection vulnerability (INTEL-SA-00154) was fixed with this release  
| February   | 013              | 4.0.0.1007     | New for this release:  
- 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 DC P4800X 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:  
- Support for additional P4600 Intel Datacenter SSD Series skus, not currently supported in prior driver release  
- Updates to SCSI translation for commands including Mode Select, Read Capacity, Security IN, and EUI64 |
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| May 2016   | 009              | 3.0.0.1013     | New for this release:  
  - Support for P4500 and P4600 Intel Datacenter SSD Series  
  - 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 2016 | 008            | 1.8.0.1011     | The following was fixed in this release:  
  - Unified driver build for P3520 & other Intel Datacenter SSD Series  
  - 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 |
| August 2016 | 007             | 1.6.0.1001_x32-x64_P3520_only | Added support for P3520 device  
1.7.0.1002 | No support for P3520 device |
| July 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 |
| June 2016   |                  | 1.6.0.1001     | New for this release:  
  - P3520 Dev ID and string recognition added |
| 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* |
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| 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.  |
| 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:  
|                 |                  |                | • 0x9F 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  |