

Intel® Solid-State Drive 320 Series (4PC10362), Intel® X18-M/X25-M/X25-V 34nm (2CV102M3), Intel® X18-M/X25-M 50nm (045C8820), Intel® X25-E 50nm (045C8850) Solid-State Drives Firmware Release Notes

1 September 2011

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Intel® Firmware Update Tool Revision History

Date	Revision	Description
1 September 2011	1.9.2	This revision of the Firmware Update Tool: <ul style="list-style-type: none">• Fixes issues associated with correctly detecting Intel SSDs in Apple* systems.• Updates Intel SSD 320 Series firmware specific to Lenovo* systems to the most current version. No other firmware changes were made from the previous release.

Intel® Solid-State Drive 320 Series Revision History

Date	Revision	Description
17 August 2011	4PC10362	This firmware revision addresses the "BAD_CTX 13x Error" (8MB capacity, electronic serial number "BAD_CTX 0000013x") associated with unexpected power-loss under specific conditions.

Intel® X18-M/X25-M/X25-V (34nm) Revision History

Date	Revision	Description
17 August 2011	2CV102M3	No changes for Intel® X18-M/X25-M/X25-V SATA SSD 34nm products. The most current firmware stays at 2CV102M3.
06 January 2011	2CV102M3	This firmware revision fixes enumeration and slow boot issues on SATA 6Gb/s controllers and adds improvements to SMART attributes for more accurate reporting of drive health along with improved NCQ capability.
30 November 2009	2CV102HD	This firmware revision contains continuous improvement optimizations intended to provide the best possible user experience with the Intel SSD.

Intel® X18-M/X25-M/X25-V (34nm) Revision History (continued)

Date	Revision	Description
26 October 2009	2CV102HA	This firmware revision supports the ATA Data Set Management Command Trim attribute. Additionally, this firmware revision includes several continuous improvement optimizations that provide increased write performance on 160 GB SSDs.
25 August 2009	No Change	No changes for Intel® X18-M/X25-M SATA SSD 34nm products. The most current firmware stays at 2CV102G9.
17 August 2009	2CV102G9	This firmware revision is for Intel X25-M SATA SSD 34nm products only. (Intel X18-M SATA SSD 34nm products do not require this firmware update.) This revision fixes the following two issues: 1) System hangs with BIOS drive password enabled. 2) System inoperable when BIOS drive password disabled or changed.

Intel® X18-M/X25-M (50nm) Revision History

Date	Revision	Description
17 August 2011	No Change	No changes for Intel® X18-M/X25-M SATA SSD 50nm products. The most current firmware stays at 045C8820.
06 January 2011	No Change	No changes for Intel® X18-M/X25-M SATA SSD 50nm products. The most current firmware stays at 045C8820.
30 November 2009	No Change	No changes for Intel® X18-M/X25-M SATA SSD 50nm products. The most current firmware stays at 045C8820.
26 October 2009	No Change	No changes for Intel® X18-M/X25-M SATA SSD 50nm products. The most current firmware stays at 045C8820.
25 August 2009	No Change	No changes for Intel® X18-M/X25-M SATA SSD 50nm products. The most current firmware stays at 045C8820.
10 August 2009	No change	No changes for Intel® X18-M/X25-M SATA SSD 50nm products. The most current firmware stays at 045C8820.
13 April 2009	045C8820	This firmware revision contains continuous improvement optimizations intended to provide the best possible user experience with the Intel SSD.

Intel® X25-E (50nm) Revision History

Date	Revision	Description
17 August 2011	No Change	No change for Intel® X25-E SATA SSD 50nm products. The most current firmware stays at 045C8850.
06 January 2011	No Change	No change for Intel® X25-E SATA SSD 50nm products. The most current firmware stays at 045C8850.
30 November 2009	No Change	No change for Intel® X25-E SATA SSD 50nm products. The most current firmware stays at 045C8850.
26 October 2009	No Change	No change for Intel® X25-E SATA SSD 50nm products. The most current firmware stays at 045C8850.
25 August 2009	045C8850	This firmware revision is for Intel X25-E SATA SSD 50nm products only. This firmware revision contains continuous improvement optimizations intended to provide the best possible user experience with the Intel SSD.