



Intel® SSD 335 Series

Specification Update

November 2012

Revision 1.0



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Revision History

Revision	Description	Date
001	Initial Release	Nov 2012

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Preface

This document is an update to the specifications contained in the documents listed in the following Affected Documents/Related Documents table. It is a compilation of device and document errata and specification clarifications and changes, and is intended for hardware system manufacturers and for software developers of applications, operating system, and tools.

Information types defined in the Nomenclature section of this document are consolidated into this update document and are no longer published in other documents. This document may also contain information that has not been previously published.

Affected Documents

Document Title	Document Number/Location
Intel® SSD 335 Series Product Specification	327738-001US

Nomenclature

Errata are design defects or errors. Errata may cause the Intel® SSD 335 Series' behavior to deviate from published specifications. Hardware and software designed to be used with any given stepping must assume that all errata documented for that stepping are present on all devices.

Specification Changes are modifications to the current published specifications. These changes will be incorporated in the next release of the specifications.

Specification Clarifications describe a specification in greater detail or further highlight a specification's impact to a complex design situation. These clarifications will be incorporated in the next release of the specifications.

Documentation Changes include typos, errors, or omissions from the current published specifications. These changes will be incorporated in the next release of the specifications.

Note: Errata remain in the specification update throughout the product's lifecycle, or until a particular stepping is no longer commercially available. Under these circumstances, errata removed from the specification update are archived and available upon request. Specification changes, specification clarifications and documentation changes are removed from the specification update when the appropriate changes are made to the appropriate product specification or user documentation (datasheets, manuals, etc.).





Summary Tables of Changes

The following table indicates the Specification Changes, Errata, Specification Clarifications or Documentation Changes, which apply to the listed Intel Solid-State Drives and their firmware. Intel intends to fix some of the errata in a future firmware of the component, and to account for the other outstanding issues through documentation or Specification Changes as noted. This table uses the following notations:

Codes Used in Summary Table

Status

Doc:	Document change or update that will be implemented.
PlanFix:	This erratum may be fixed in a future stepping of the product.
Fixed:	This erratum has been previously fixed.
NoFix:	There are no plans to fix this erratum.

Row

Shaded:	This item is either new or modified from the previous version of the document.
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Number	FW Affected	Plans	ERRATA
	335s		
1	X	Plan Fix	Media Wearout Indicator (SMART attribute E9h) value incorrectly reported.

Number	SPECIFICATION CHANGES
1	There are no Specification Changes in this Specification Update revision.

Number	SPECIFICATION CLARIFICATIONS
1	There are no Specification Clarifications in this Specification Update revision.

Number	DOCUMENTATION CHANGES
1	There are no Documentation Changes in this Specification Update revision.



Errata

1. Media Wearout Indicator (SMART attribute E9h) value incorrectly reported.

Problem: Media Wearout Indicator (SMART attribute E9h) value reported by the SSD is incorrectly calculated.

Implication: Media Wearout Indicator displays more media wear on the device than the actual device wear (E9h as normalized value of percent wear remaining). There is no endurance risk based on this errata for existing 335 drives sold to date. The specified device endurance capability is conservative 20GB/day of writes, and this remains unchanged.

Workaround: Disregard E9h report out till post firmware update.

Status: Plan Fix with firmware update release.

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Specification Changes

There are no Specification Changes in this Specification Update revision.

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Specification Clarifications

There are no specification clarifications in this Specification Update revision.

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Documentation Changes

There are no documentation changes in this Specification Update revision.

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