BIOS Version 02.01.05
for Dell PowerEdge
Servers: R730, R730XD,
and R630

Release Notes
Release Notes

BIOS
Basic Input / Output System (BIOS) facilitate the hardware initialization process and transition control to the operating system.

Current Version
02.01.05

Release Date
April 2016

Previous Version
02.00.02

Importance
RECOMMENDED: Dell recommends applying this update during your next scheduled update cycle. The update contains feature enhancements or changes that will help keep your system software current and compatible with other system modules (firmware, BIOS, drivers, and software).

Platform(s) affected
Dell PowerEdge R730, R730XD, and R630 servers.

What’s New
- Updated the Intel Xeon Processor E5-2600 v3 Product Family Processor Microcode to 0x37.
- Updated the Intel Management Engine (ME) firmware to SPS_E5_03.01.03.030.0_WBG_REL.
- Updated the Intel® Trusted Execution Technology (Intel® TXT) BIOS and SINIT Authenticated Code Module (ACM) to version v3.0.5.
- Added support to JEDEC serial present detect (SPD) 1.1.
- Added support for memory module with 128 GB DIMM size.
- Updated text in the BIOS Setup Menu help content.

Fixes
- Intermittent PCIe slot training errors.
- While rebooting, server that used E5-2603/2609 processor (6-core Low Core Count (LCC) processor) displayed the Red Screen of Death (RSOD) error.
- After importing a platform key, the Secure Boot feature is forced to get enabled.
- Unused DIMM clocks are not disabled for E5-2600 v3 CPU-based system.
- Watchdog timer event log is missing from the ELog and Windows Event Log.
- CPU is not frequently polling the DIMM temperature sensor.
- System cannot boot by using DVD or HDD.
- During the POST stage on the console redirection, an option to press the F12 key is not displayed on the monitor.
Important notes
None for this release.

History of previous Release Notes

Version
02.00.02

Release Date
March 2016

What’s New
- Updated the Intel Processor and Memory Reference Code to MR2.
- Added support for Intel Xeon Processor E5-2600 v4 Product Family Processor Microcode to 0x17.

Fixes
- Fixed a potential issue where system could have stopped responding during memory initialization process because of memory errors generated by defective dual in-line memory module (DIMM) or DIMM slot.

Version
02.00.01

Release Date
January 2016

What’s New
- Updated the Intel Processor and Memory Reference Code to 3.0.0.
- Added support for Intel Xeon Processor E5-2600 v4 Product Family.
- Updated the Intel Management Engine (ME) firmware to SPS_E5_03.01.03.021.0_WBG_REL.
- Updated PERC S130 option ROM (OPROM) and Unified Extensible Firmware Interface (UEFI) drivers to version 4.2.0-0009.
- Added support for Samsung PM1725 SSDs.
- Improved NVM Express (NVMe) version 1.1 export log.
- Updated NVMe UEFI driver to version 2.5.
- Updated to support the UEFI 2.4 version
- Added the Global Slot Boot Driver Disable feature.
Fixes

None for this release.

© 2016 Dell Inc.

Trademarks used in this text: Dell™, the Dell logo, Dell Precision™, OptiPlex™, Latitude™, PowerEdge™, PowerVault™, PowerConnect™, OpenManage™, EqualLogic™, Compellent™, KACE™, FlexAddress™, Force10™ and Vostro™ are trademarks of Dell Inc. Intel®, Pentium®, Xeon®, Core® and Celeron® are registered trademarks of Intel Corporation in the U.S. and other countries. AMD® is a registered trademark and AMD Opteron™, AMD Phenom™ and AMD Sempron™ are trademarks of Advanced Micro Devices, Inc. Microsoft®, Windows®, Windows Server®, Internet Explorer®, MS-DOS®, Windows Vista® and Active Directory® are either trademarks or registered trademarks of Microsoft Corporation in the United States and/or other countries. Red Hat® and Red Hat® Enterprise Linux® are registered trademarks of Red Hat, Inc. in the United States and/or other countries. Novell® and SUSE® are registered trademarks of Novell Inc. in the United States and other countries. Oracle® is a registered trademark of Oracle Corporation and/or its affiliates. Citrix®, Xen®, XenServer® and XenMotion® are either registered trademarks or trademarks of Citrix Systems, Inc. in the United States and/or other countries. VMware®, Virtual SMP®, vMotion®, vCenter® and vSphere® are registered trademarks or trademarks of VMware, Inc. in the United States or other countries. IBM® is a registered trademark of International Business Machines Corporation.