

**BIOS Version 2.7.0 for
Dell EMC PowerEdge
Servers: M620**

Release Notes



Release Notes

BIOS

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

Current Version

2.7.0

Release Date

Jun 2018

Previous Version

2.6.1

Release Summary

Addressed the security vulnerability CVE-2018-3639 and CVE-2018-3640 requirements. Updated the E5-2600 Product Family Processor Microcode versions. For more information about specific items newly added and resolved in this version, see the **New and enhanced features** section and **Fixed issues** in this Release Notes.

Priority and recommendations

URGENT: Dell highly recommends applying this update as soon as possible. The update contains changes to improve the reliability and availability of your Dell system.

Compatibility

Supported devices and platforms

The Dell EMC PowerEdge M620 servers.

New and enhanced features

- Enhancement to address security vulnerability CVE-2018-3639 (<https://cve.mitre.org/cgi-bin/cvename.cgi?name=CVE-2018-3639>).
- Enhancement to address security vulnerability CVE-2018-3640 (<https://cve.mitre.org/cgi-bin/cvename.cgi?name=CVE-2018-3640>).
- Updated the Intel Xeon Processor E5-2600 v2 Product Family Processor Microcode to version 0x42D.
- Updated the Intel Xeon Processor E5-2600 Product Family Processor (C-1 Stepping) Microcode to version 0x61D.
- Updated the Intel Xeon Processor E5-2600 Product Family Processor (C-2 Stepping) Microcode to version 0x714.

Fixed issues (this release)

None for this release.

Known issues

None for this release.

Important notes

None for this release.

Features and fixes in previous releases

Version: 2.6.1

Release Date: February 2018

What's New

- Updated the Intel Xeon Processor Microcode to address CVE-2017-5715 (<http://www.cve.mitre.org/cgi-bin/cvename.cgi?name=2017-5715>).
- Updated the Intel Xeon Processor E5-2600 v2 Product Family Processor Microcode to version 0x42C.
- Updated the Intel Xeon Processor E5-2600 Product Family Processor (C-1 Stepping) Microcode to version 0x61C.
- Updated the Intel Xeon Processor E5-2600 Product Family Processor (C-2 Stepping) Microcode to version 0x713.
- CVE-2017-5753 and CVE-2017-5754 are addressed by Operating System & Hypervisor updates. For more information, visit <http://www.dell.com/support/article/SLN308588>.

Fixes

Removed the unnecessary Serial Peripheral Interface (SPI) Opcodes.

Version: 2.5.4

Release Date: January 2016

What's New

None for this release.

Fixes

- Corrected an issue where on some platforms iDRAC was intermittently receiving invalid power values from ME and would store them as extremely high values under historical peak values.
 - Removed F1/F2 prompt at the end of the POST when keyboard is not detected.
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Instructions for installing

1. Click www.dell.com/support.
2. Navigate to the **Drivers & downloads** page of the PowerEdge M620 servers.
3. From the **Category** drop-down menu, select **BIOS**.
4. In the **Name** column, expand the hyperlinked BIOS title to view complete information.
 - a. To view information about earlier versions, click **Older versions**.
5. To view information about compatible systems and installation instructions, click **View full driver details**.
6. On the **Driver Details** page, scroll down and expand **Installation instructions**.

Instructions about downloading and installing Update Packages by using methods such as DRMK, EFI, Linux, and Windows is displayed.

Additional resources and support

Contacting Dell EMC

Note: If you do not have an active Internet connection, you can find contact information on your purchase invoice, packing slip, bill, or Dell EMC product catalog.

Dell EMC provides several online and telephone-based support and service options. Availability varies by country and product, and some services may not be available in your area. To contact Dell EMC for sales, technical support, or customer service issues, go to <https://www.dell.com/contactdell>.

Accessing documents from Dell EMC support site

Using direct links

You can directly access the documents by using the following links:

www.dell.com/support	The Dell EMC support site
www.dell.com/poweredgemanuals	The Dell EMC PowerEdge server documentation
www.dell.com/idracmanuals	The iDRAC and Lifecycle Controller documentation

Using the product selector

You can also access documents by selecting your product:

1. Go to <https://www.dell.com/manuals>.
2. In the **Choose from all products** section, click **View products**.
3. Click **Software and Security** and then click the required link.
4. To view the document, click the required product version.