

**Topic:** R1300 BIOS Update Version 2.84  
**Component(s) Affected:** R1300 Blade  
**Date:** October 12, 2006

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## OVERVIEW / ENVIRONMENT

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An updated BIOS for the R1300 blade has been released by ClearCube. This update corrects issues seen within ClearCube software packages Switch Manager 4.6 and Sentral. Other enhancements included in the update improve LCD functionality. This Technical Bulletin supersedes Technical Bulletin *TB0210JS*, *R1300 BIOS Update Version 2.82*.

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## DETAILED DESCRIPTION

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The BIOS for the R1300 blade has been updated to version 2.84. This version corrects an issue that caused blades to disappear in Switch Manager 4.6 and Sentral. It also enhances blade LCD functionality.

**Note:** Installing previous BIOS versions is not recommended.

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## RESOLUTION

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To update your BIOS to version 2.84, you need the following:

- USB floppy drive
- Bootable DOS floppy disk
- The update BIOS file `RK284U16.WPH`
- The `phlash16.exe` flash utility

To update your BIOS, do the following:

1. Download the `RK284U16.zip` file from the ClearCube Support website. This file contains the BIOS update, the `phlash16.exe` flash utility, and this Technical Bulletin.
2. Plug the USB floppy drive into the USB port on the front of your Blade, and insert the boot floppy disk.
3. Unzip this file and copy the `phlash16.exe` and `RK284U16.WPH` files to a bootable floppy drive.
4. Restart your system on the floppy drive and enter the following command:  
`phlash16 RK284U16.WPH`
5. After upgrading to the `RK284U16.WPH` BIOS, shut down and restart the Blade when the upgrade has completed. Disregard the `phlash16` on-screen message `press any key to restart...`

For more information, please contact ClearCube technical support.

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