

LSI Logic MegaRAID Firmware Release

OEM Name: LSI
Controllers Supported: 471/475/493/494
Release date: 03/13/03
New Release Version: G170
BIOS Version: F316
Ctrl+M Version: 5.26
Boot Block Version: 1.4.8
WebBIOS: 1.59
Qlogic 12160t firmware: 11.12.19
Previous Release: F170/3.13/5.26/1.46

Controllers Supported:

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Series 471 = MegaRAID Enterprise 1600
Series 475 = MegaRAID Express 500
Series 493 = MegaRAID Elite 1600
Series 494 = MegaRAID Elite 1650

Firmware Changes:

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1. Embedded BIOS version F316 into firmware.

BIOS Changes:

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1. Enabled Bus mastering to be compatible with the system BIOS of various systems.
2. Ctrl-M will not execute after POST because some system BIOS will not allow to hook : This has been fixed.
3. Support added for 503/494 controllers.

Known Limitation:

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WebBIOS:

1. When multiple 160m controllers are present in the system, one is displayed as unknown.
2. Default settings are different in Ctrl-H from Ctrl-M. Ctrl-H has Adaptive Read Ahead.
3. Raid 3/30 options are not present in WebBIOS.
4. WebBIOS allows you to span partial arrays.

Cluster Configuration:

1. This firmware has not been fully qualified for cluster configurations.
Use C170 for cluster configurations.

Installation:

YOU MUST MAKE SURE YOU ARE FLASHING THIS FIRMWARE TO A MEGARAID CONTROLLER FROM LSI LOGIC

Boot to DOS and type MFLASH. Your MegaRAID Controller should be detected and you will be
Do not reboot your system until the flash process is complete.

Features:

Span Support: 8
SMART Support: Yes
Type of SAF_TE: UNIVERSAL
>4GB support: Yes
Memory Support: SDRAM
Auto-Rebuild support: Yes
Cluster Support: No
Max Logical Drives: 40
Drive Size Coercion: Yes

File Listing:

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Size	Date	Time	File
1,048,576	02-26-03	03:53p	494GEN.rom
131,408	12-17-02	05:58p	mflash.exe
2,927	03-13-03	10:25a	G170.txt