



BIOS Update Release Notes

PRODUCTS: DB85FL (Standard BIOS)

BIOS Version 0124 - FLB8510H.86A.0124.2014.0220.1553

About This Release:

- Date: February 20, 2014
- ME Firmware: 9.0.20.1447
- Visual BIOS: 2.1.5 Build
- MEBx Code Based on :9.0.0.0025
- Integrated Graphics
 - Option ROM: Build 2179 PC 14.34
 - UEFI Driver: 5.0.1034
- LAN
 - Option ROM: v1409 PXE 2.1 Build 092
 - UEFI Driver: 5.1.003
- SATA RAID Option ROM: v12.0.0.1783
- UEFI revision: 2.3.1

Note:

BIOS version 0121 added support for Microsoft* Windows* 8.1. After updating to version 0121, you will not be able to downgrade to version 0019 or earlier. The following warning message will display: This BIOS is not allowed to downgrade reversion, but system will do reset in 20 seconds automatically.

New Fixes/Features:

- Updated Fan Speed Control.
- Modified Power button menu to support external graphic cards.
- Updated VBIOS to version 2179.
- Fixed issue where Hard Disk Drive Password length did not match the specification.
- Fixed issue where Linux SteamOS* does not boot.
- Improved EFI variable protection for Setup variable.
- Fix issue where some UEFI operating systems cannot be installed.

BIOS Version 0123 - FLB8510H.86A.0123.2013.1213.1449

About This Release:

- Date: December 13, 2013
- ME Firmware: 9.0.20.1447
- Visual BIOS: 2.1.5 Build
- MEBx Code Based on :9.0.0.0025
- Integrated Graphics
 - Option ROM: Build 2177 PC 14.34
 - UEFI Driver: 5.0.1034
- LAN
 - Option ROM: v1409 PXE 2.1 Build 092
 - UEFI Driver: 5.1.00

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Note:

BIOS version 0121 added support for Microsoft* Windows* 8.1. After updating to version 0121, you will not be able to downgrade to version 0019 or earlier. The following warning message will display: This BIOS is not allowed to downgrade reversion, but system will do reset in 20 seconds automatically.

New Fixes/Features:

- Updated Visual BIOS to version 2.1.5.
- Added Hard Disk Pre-Delay setup item.
- Fixed issue where external graphics card shows no video if Legacy Boot is disabled and UEFI is enabled.
- Added Mini-PCIe Slot setup item.

BIOS Version 0121 - FLB8510H.86A.0121.2013.1014.1452

About This Release:

- Date: October 14, 2013
- ME Firmware: 9.0.13.1447
- Visual BIOS: 2.0.22 Build
- MEBx Code Based on :9.0.0.0025
- Integrated Graphics
 - Option ROM: Build 2177 PC 14.34
 - UEFI Driver: 5.0.1034
- LAN
 - Option ROM: v1409 PXE 2.1 Build 092
 - UEFI Driver: 5.1.00

Note:

BIOS version 0121 added support for Microsoft* Windows* 8.1. After updating to version 0121, you will not be able to downgrade to version 0019 or earlier. The following warning message will display: This BIOS is not allowed to downgrade reversion, but system will do reset in 20 seconds automatically.

New Fixes/Features:

- Changed DVMT default setting to 32 MB.
- Updated Secure Boot module.
- Modified XHCI and EHCI USB port mapping.
- Updated Flash BIOS warning message.
- Updated processor support.
- Updated VBIOS to version 2177.
- Updated Intel® ME firmware to version 9.0.20.1447.
- Updated RAID OPROM to version 12.0.0.1783.
- Fixed issue where the [F3] DISABLE FAST BOOT prompt does not display and system does a BIOS recovery when selecting F3.
- Fixed issue where system does not halt when password is entered incorrectly three times and Ctrl+Alt+Del still works.
- Fixed issue where if Supervisor Password is installed and Supervisor Password is not required to continue post when Chassis Intrusion is set to log only.
- Fixed SATA speed display in Setup boot order menu.
- Fixed key issues for Config Mode menu.
- Fixed issue where Power LED still blinks when no video is detected even when set to "NO VIDEO DETECTED ERROR BEEPS".
- Fixed Cooling Assistant bar functionality.

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- Fixed issue where USB3.0 HDD still can be detected even when all USB3.0 ports are set to "No detect".
- Improved VT-d support.
- Changed VT-d support to be dependent on CPU installed.
- Fixed Fast Boot issue where question still can be selected after the User Password or Hard Disk Drive Password is installed.
- Fixed issue where folder names are incorrect in F7 update.
- Updated hard drive password length from "2-8" to "2-19".
- Updated Cooling page Temperatures item.
- Fixed issue where BIOS items are missing in Intel® Integrator Toolkit.
- Updated settings if CPU does not support Turbo boost Technology:
 - "OCA for Processor" and "Maximum Processor Core Ratio" will gray out.
 - "Intel Turbo Boost Technology" will be set to "disable" and hidden.
 - "Burst Mode Power Limit", "Burst Mode Power Limit (Watts)", "Sustained Mode Time (Seconds)", "Sustained Mode Power Limit (Watts)" will be hidden.

BIOS Version 0019 - FLB8510H.86A.0019.2013.0606.1538

About This Release:

- Date: June 6, 2013
- ME Firmware: 9.0.2.1345
- Visual BIOS: 2.0.22 Build
- MEBx Code Based on :9.0.0.0023
- Integrated Graphics
 - Option ROM: Build 2170 PC 14.34
 - UEFI Driver: 5.0.1025
- LAN
 - Option ROM: v1409 PXE 2.1 Build 092
 - UEFI Driver: 5.1.00

New Fixes/Features:

- Updated Visual BIOS to version 2.0.23.
- Fixed issue where customized logo is not saved after BIOS Recovery.
- Improved DMI protection.
- Fixed issue with Boot Block Fault tolerance.
- Fixed issue with screen capture in Visual BIOS.
- Fixed issue with "High precision event timer".
- Fixed issue with IGD Primary/Secondary Video Port in some combinations.
- Updated processor support.

BIOS Version 0016 - FLB8510H.86A.0016.2013.0425.2218

About This Release:

- Date: April 25, 2013
- ME Firmware: 9.0.2.1345
- Visual BIOS: 2.0.20 Build
- MEBx Code Based on :9.0.0.0023
- Integrated Graphics
 - Option ROM: Build 2170 PC 14.34

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UEFI Driver: 5.0.1025

- LAN

Option ROM: v1409 PXE 2.1 Build 092

UEFI Driver: 5.1.00

New Fixes/Features:

- Fixed issue with "Active Processor Cores".
- Fixed issue with "High precision event timer".
- Fixed issue where the SATA Devices image and Cross hair are incorrect.
- Fixed issue where there are three redundant entries in BIOS home page 3.
- Fixed issue with "Onboard LAN MAC Address" setup item string.
- Fixed issue with "Fan Usage" setup item string.
- Fixed issue with "Set Master Hard Drive Password" and "Set User Hard Drive Password" Help Text.
- Updated Visual BIOS to version 2.0.20.
- Fixed issue with "Restart from UEFI Win8 to Firmware settings fail" when Visual BIOS 2.0 is supported.

BIOS Version 0014 - FLB8510H.86A.0014.2013.0410.2145

About This Release:

- Date: April 10, 2013
- ME Firmware: 9.0.2.1345
- Visual BIOS: 2.0.17 Beta Build
- MEBx Code Based on :9.0.0.0023
- Integrated Graphics
 - Option ROM: Build 2170 PC 14.34
 - UEFI Driver: 5.0.1025
- LAN
 - Option ROM: v1409 PXE 2.1 Build 092
 - UEFI Driver: 5.1.00

New Fixes/Features:

- Initial production BIOS release

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