



Celebris FX

Product Change Information

Approved for External Use
Release Date: August 21, 1997

This document details the following for the Celebris FX product change information:

- Introduction
- BIOS Release Summary
- BIOS Change Release Notes
- Customer Impact Ratings
- Future Releases

Introduction

This document is meant to provide customers with a synopsis of BIOS changes, which will enable customers to evaluate the impact any change has on their environment.

BIOS Release Notes

The BIOS Release Notes provide more detailed change information on each BIOS release. This information includes a three sections: problem fixed, new features, and compatibility.

Impact Rating

For each product change a customer impact rating is given. The customer impact rating can be one of four ratings: High, Medium, Low, or None.

- High** A “HIGH” rating indicates that this change has some or significant customer impact. This change may affect functionality or compatibility.
- Medium** A “MEDIUM” rating indicates that this change may impact some customers or customers using certain configurations. This change will have a minor effect on reliability, functionality, or compatibility.
- Low** A “LOW” rating indicates that this change will have a minor impact on customers. This change is typically a product improvement and/or enhancement.
- None** A “NONE” rating indicates that this change has no customer impact.

Future Releases

Future releases will incorporate information for other critical system components. Moving forward, BIOS changes will be separated from the Main Logic Board (MLB) changes. Historically, BIOS releases were tied to MLB revision therefore a change in BIOS version would change the MLB revision. In the future, a BIOS change will be independent and not affect the MLB revision.

BIOS Release Summary

BIOS Release	MLB Revision	ECO Number	Date	Impact	Change Description
1.01	D06 B02	5424544-TA010	July 96	High	Maintenance release
1.02	F01 F02	5424588-TA008	Nov 96	High	Maintenance release
1.02	D02	5424544-TA014	Oct 96	High	Maintenance release
1.03	E02	5424544-TA017	Jan 97	High	Maintenance release
1.03	H03 H04	5424588-TA012	Jan 97	High	Maintenance release
1.05	E06 B02	5424544-TA011	Aug 96	High	Maintenance release
1.05	C01 D01	5424588-TA002	Aug 96	High	Maintenance release
1.07	E01 H01 B01 H06	5424544-TA014	Oct 96	High	Maintenance release
1.07	H06	5424588-TA008	Nov 96	High	Maintenance release
1.08	F01 J01 C01 F02 J02 C02	5424588-TA009	Dec 96	High	Maintenance release
1.08	J06 D02	5424544-TA015	Dec 96	High	Maintenance release
1.09	K06 D02	5424544-TA016	Jan 97	High	Maintenance release

System Software CD and Startup Diskette(EJFIGS)

Rel Date	Kit P/N	Ver.	CD P/N	Change Description
5-2-97	QC-04J8A-H8	1.4	AG-R0PZD-BH AK-R3RTB-CA	Continue to ship at this version through EOL.

ECO Number: 5424544-TA010

Part: Main Logic Boards - Japanese

Revision:	54-24544-01	D06 - D06
	54-24544-02	D06 - D06
	54-24544-03	D06 - D06
	54-24544-04	D06 - D06
	54-24544-05	D06 - D06
	54-24544-06	A02 - B02
	54-24544-07	A02 - B02
	54-24544-08	A02 - B02

Component: Japanese BIOS

Severity: High

ECO Issue Date: July 22, 1996

Type of Notification: Customers with Japanese BIOS require update

Change Description: BIOS update

Problem Description:

System hangs if the keyboard driver "jkeyb.sys" is installed for Japanese DOS.

Solution:

Change BIOS version from 1.00 to 1.01.

Customer Impact/Recommendations:

No impact to product that does not utilize the Japanese BIOS (double byte characters force a unique BIOS). Customers that utilize the Japanese BIOS are advised to update their BIOS to the latest level.

ECO Number: 5424588-TA002

Part: Main Logic Board

Revision:	54-24588-01	B01 - C01
	54-24588-02	C01 - D01
	54-24588-03	C01 - D01
	54-24588-04	C01 - C01
	54-24588-05	C01 - C01

Component: Flash BIOS

Severity: High

ECO Issue Date: August 15, 1996

Type of Notification: Customer is advised to update to the latest BIOS

Change Description: Update BIOS via Flash Utility

Problem Description:

1. Windows 95 SCT v5.10 APM test fails.
2. Audio is set to mute when system resumes from standby mode under Windows 95.
3. Mouse device cannot be changed dynamically in Windows 95.
4. Bootable CD boot failed with Toshiba CD-ROM 5602B(8X).

Solution:

Change BIOS version from 1.04 to 1.05.

Customer Impact/Recommendations:

The Customer is advised to update to the latest BIOS revision.

ECO Number: 5424544-TA011

Part: FX Main Logic Board

Revision:	54-24544-01	D06 - E06
	54-24544-02	D06 - E06
	54-24544-03	D06 - E06
	54-24544-04	D06 - E06
	54-24544-05	D06 - E06
	54-24544-06	B02 - B02
	54-24544-07	B02 - B02
	54-24544-08	B02 - B02

Component: BIOS update

Severity: High

ECO Issue Date: August 15, 1996

Type of Notification: Customer is advised to update to the latest BIOS

Change Description: Update BIOS via Flash Utility

Problem Description:

1. Windows 95 SCT v5.10 APM test fails.
2. Audio is set to mute when the system resumes from standby mode under Windows 95.
3. Mouse device cannot be changed dynamically in Windows 95.
4. Bootable CD boot failed with Toshiba CD-ROM 5602B(8X).

Solution:

Fixed these problems and change BIOS version from 1.04 to 1.05.

Customer Impact/Recommendations:

The Customer is advised to update to the latest BIOS revision.

ECO Number: 5424544-TA014

Part: Main Logic Board

Revision:	54-24544-01	F06 - H06
	54-24544-02	F06 - H06
	54-24544-03	F06 - H06
	54-24544-04	F06 - H06
	54-24544-05	F06 - H06
	54-24544-06	C02 - D02
	54-24544-07	C02 - D02
	54-24544-08	C02 - D02

Component: BIOS

Severity: High

ECO Issue Date: October 16, 1996

Type of Notification: Customer is advised to update to the latest BIOS

Change Description: Update BIOS via Flash Utility

Problem Description:

- I. Implement BIOS v1.07 on 54-24544-01,-02,-03,-04,-05 to correct:
 1. 2.88MB Floppy diskette write error in Win 95.
 2. System hangs during AMIDIAG 5.10d memory test with 2 EDO SIMMs and 1 FP SIMM.
 3. Add support for SiS 5511 F2 and 5513 C1 stepping chip set.
 4. User can't disable <F2> Setup prompt display while BIOS POST test is running.
 5. BIOS SETUP hangs when NT restarts the system and user enters Setup and waits 10 minutes.
 6. Add support for AMD K5 CPU.
 7. Add-on cards (AHA-2940, DE450 with ROM) causes BIOS POST to wait for user to press the <F1> or <F2> key.
 8. Win 95 remote Setup hangs with DE500 network error.
- II. Implement Japan BIOS v1.02 on 54-24544-06,-07,-08 to correct:
 1. Add support for single SIMM populated on bank 1/2.
 2. IBM 3270 token ring NIC to work properly on system.
 3. Some devices cannot change their resources dynamically in Windows 95.
 4. Windows NT hangs intermittently if DE21040/21041 driver is installed.

5. Windows 95 SCT v5.10 APM test failed.
6. Audio is set to mute if the system resumes from standby mode under Windows 95.
7. Mouse device cannot be changed dynamically in Windows 95.
8. Bootable CD boot failed with Toshiba CD-ROM 5602B(8X).
9. Windows 95 hangs if odd number of EDO memory SIMMs are installed.
10. EDO memory performance.
11. 2.88MB Floppy diskette write error in Win 95.
12. System hangs during AMIDIAG 5.10d memory test with 2 EDO SIMMs and 1 FP SIMM.
13. Add support for SiS 5511 F2 and 5513 C1 stepping chip set.
14. User can't disable <F2> Setup prompt display while BIOS POST test is running.
15. BIOS SETUP hangs when NT restarts system and the user enters Setup and waits 10 minutes.
16. Add support AMD K5 CPU.
17. Add-on cards (AHA-2940, DE450 with ROM) causes BIOS POST to wait for the user to press the <F1> or <F2> key.
18. Win 95 remote Setup hangs with DE500 network error.
19. Intermittent 5.25" floppy reading and formatting problem.
20. "BIOS functions [virus check reminder]/[system backup reminder]" fail.
21. Test program "floppy.exe d" fails.

Solution:

Update BIOS via Flash utility.

Customer Impact/Recommendations:

The Customer is advised to update to the latest BIOS revision.

ECO Number: 5424588-TA008

Part: Main Logic Board

Revision:	54-24588-01	D01 - E01
	54-24588-02/-03	F01 - H01
	54-24588-04/-05	E01 - F01
	54-24588-06	A01 - B01
	54-24588-01	D02 - E02
	54-24588-02/-03	F02 - H02
	54-24588-04/-05	E02 - F02
	54-24588-06	A02 - B02

Component: Flash BIOS

Severity: High

ECO Issue Date: November 6, 1996

Type of Notification: Customer is advised to update to the latest BIOS

Change Description: Update BIOS via Flash Utility

Problem Description:

- I. Implement BIOS v1.07 on 54-24588-01,-02,-03,-06 to correct:
 1. 2.88MB Floppy diskette write error with Win 95.
 2. System hangs during AMIDIAG 5.10d memory test with 2 EDO SIMMs and 1 FP SIMM.
 3. Add support for SiS 5511 F2 and 5513 C1 stepping chip set.
 4. User can't disable <F2> Setup prompt display while BIOS POST test is running.
 5. BIOS SETUP hangs when NT restarts the system and user enters Setup and waits 10 minutes.
 6. Add AMD K5 CPU support.
 7. Add-on cards (AHA-2940, DE450 with ROM) causes BIOS POST to wait for the user to press the <F1> or <F2> key.
 8. Win 95 remote Setup hangs with DE500 network error.

- II. Implement Japan BIOS v1.02 on 54-24588-04,-05 to fix below problems.
 1. Add support for single SIMM populated on bank 1/2.
 2. IBM 3270 token ring NIC to work properly on system.
 3. Some devices cannot change their resources dynamically in Windows 95.
 4. Windows NT hangs intermittently if DE21040/21041 driver is installed.

5. Windows 95 SCT v5.10 APM test failed.
 6. Audio is set to mute if the system resumes from standby mode under Windows 95.
 7. Mouse device cannot be changed dynamically in Windows 95.
 8. Bootable CD boot failed with Toshiba CD-ROM 5602B(8X).
 9. Windows 95 hangs if odd number of EDO memory be installed.
 10. EDO memory performance.
 11. 2.88MB Floppy diskette write error in Win 95.
 12. System hangs during AMIDIAG 5.10d memory test with 2 EDO SIMMs and 1 FP SIMM.
 13. Add support for SiS 5511 F2 and 5513 C1 stepping chip set.
 14. User can't disable <F2> Setup prompt display while BIOS POST test is running.
 15. BIOS SETUP hangs when NT restarts the system and the user enters Setup and waits 10 minutes.
 16. Add support for AMD K5 CPU.
 17. Add-on cards (AHA-2940, DE450 with ROM) causes BIOS POST to wait for the user to press the <F1> or <F2> key.
 18. Win 95 remote Setup hangs with DE500 network error.
 19. Intermittent 5.25" floppy reading and formatting problem.
 20. "BIOS functions [virus check reminder]/[system backup reminder]" fail.
 21. Test program "floppy.exe d" fails.
- III. System does not meet PCI 2.1 compliance.
1. Improve DRAM controller performance.

Solution:

Update system BIOS.

Customer Impact/Recommendations:

The Customer is advised to update to the latest BIOS revision.

ECO Number: 5424588-TA009

Part: Main Logic Board

Revision:	54-24588-01	E01 - F01
	54-24588-02/-03	H01 - J01
	54-24588-04/-05	F01 - F01
	54-24588-06	B01 - C01
	54-24588-01	E02 - F02
	54-24588-02/-03	H02 - J02
	54-24588-04/-05	F02 - F02
	54-24588-06	B02 - C02

Component: Flash BIOS

Severity: High

ECO Issue Date: December 5, 1996

Type of Notification: Customer is advised to update to the latest BIOS

Change Description: Update BIOS via Flash Utility

Problem Description:

1. System boot hangs if SiS 5511 F2 stepping and Burst Mode SRAM installed.
2. Olicom NIC failed.
3. 3C509B NIC with boot ROM causes system hang at "Setup Power Management" of POST.
4. BIOS doesn't identify P55C CPU.
5. Win 95 cannot find mouse. Hangs after user changes mouse driver and restarts system.
6. BIOS doesn't support AMD-K6.

Solution:

Change BIOS version from 1.07 to 1.08.

Customer Impact/Recommendations:

The Customer is advised to update to the latest BIOS revision.

ECO Number: 5424544-TA015

Part: Celebris FX Main Logic Board

Revision:	54-24544-01	H06 - J06
	54-24544-02	H06 - J06
	54-24544-03	H06 - J06
	54-24544-04	H06 - J06
	54-24544-05	H06 - J06
	54-24544-06	D02 - D02
	54-24544-07	D02 - D02
	54-24544-08	D02 - D02

Component: BIOS

Severity: High

ECO Issue Date: December 18, 1996

Type of Notification: Customer is advised to update to the latest BIOS

Change Description: Update BIOS via Flash Utility

Problem Description:

1. System boot hangs if SiS 5511 F2 stepping and Burst Mode SRAM installed.
2. Olicom NIC failed.
3. 3C509B NIC with boot ROM causes system hang at "Setup Power Management" of POST.
4. BIOS doesn't identify P55C CPU.
5. Win 95 cannot find mouse. Hangs after user changes mouse driver and restarts system.
6. BIOS doesn't support AMD-K6.

Solution:

Change BIOS version from 1.07 to 1.08.

Customer Impact/Recommendations:

The Customer is advised to update to the latest BIOS revision.

ECO Number: 5424544-TA016

Part: Main Logic Board

Revision:	54-24544-01	J06 - K06
	54-24544-02	J06 - K06
	54-24544-03	J06 - K06
	54-24544-04	J06 - K06
	54-24544-05	J06 - K06
	54-24544-06	D02 - D02
	54-24544-07	D02 - D02
	54-24544-08	D02 - D02

Component: BIOS

Severity: High

ECO Issue Date: January 17, 1997

Type of Notification: Customer is advised to update to the latest BIOS

Change Description: Update BIOS via Flash Utility

Problem Description:

1. BIOS doesn't support AMD-K5 PR150/166/200.
2. BIOS doesn't support model name display "5xxxk" for AMD K5/K6 and "5xxxM" for Intel P55C.

Solution:

Change BIOS from v1.08 to BIOS v1.09.

Customer Impact/Recommendations:

The Customer is advised to update to the latest BIOS revision.

ECO Number: 5424544-TA017

Part: Main Logic Board - Japanese

Revision:	54-24544-01	K06 - K06
	54-24544-02	K06 - K06
	54-24544-03	K06 - K06
	54-24544-04	K06 - K06
	54-24544-05	K06 - K06
	54-24544-06	D02 - E02
	54-24544-07	D02 - E02
	54-24544-08	D02 - E02

Component: BIOS

Severity: High

ECO Issue Date: January 17, 1997

Type of Notification: Customer is advised to update to the latest BIOS

Change Description: Update BIOS via Flash Utility

Problem Description:

1. System hangs with Burst SRAM installed.
2. The system experiences a memory parity error and hangs with Olicom T/R PCI NIC.
3. Since 3COM 3C509B NIC uses 5000:0 for its boot ROM, system BIOS change MISER decompressed space from 5000:0 to 7000:0.
4. BIOS doesn't Support P55C sign-on to "Pentium w/ MMX" in summary screen.
5. Win 95 cannot find mouse. Hangs after the user changes mouse driver and restarts the system.
6. BIOS doesn't Support AMD-K6 sign-on in summary screen.
7. BIOS doesn't Support AMD-K6 for APM.
8. BIOS doesn't support AMD-K5 PR150/166/200.
9. BIOS doesn't support model name display "5xxxk" for AMD K5/K6 and "5xxxM" for Intel P55C.

Solution:

Implement BIOS v1.03.

Customer Impact/Recommendations:

The Customer is advised to update to the latest BIOS revision.

ECO Number: 5424588-TA012

Part: Celebris FX Main Logic Board for Japanese

Revision:	54-24588-01	H03 - H03
	54-24588-02/-03	K03 - K03
	54-24588-04/-05	F03 - H03
	54-24588-06	D03 - D03
	54-24588-01	H04 - H04
	54-24588-02/-03	K04 - K04
	54-24588-04/-05	F04 - H04
	54-24588-06	D04 - D04

Component: Flash BIOS

Severity: High

ECO Issue Date: January 24, 1997

Type of Notification: Customer is advised to update to the latest BIOS

Change Description: Update BIOS via Flash Utility

Problem Description:

1. System hangs with Burst SRAM installed.
2. System experiences memory parity errors and hangs with Olicom T/R PCI NIC.
3. Since 3COM 3C509B NIC uses 5000:0 for its boot ROM, system BIOS change MISER decompressed space from 5000:0 to 7000:0.
4. BIOS doesn't Support P55C sign-on to "Pentium w/ MMX" in summary screen.
5. Win 95 cannot find mouse. Hangs after user changes mouse driver and restarts the system.
6. BIOS doesn't Support AMD-K6 sign-on in summary screen.
7. BIOS doesn't Support AMD-K6 for APM.
8. BIOS doesn't support AMD-K5 PR150/166/200.
9. BIOS doesn't support model name display "5xxxk" for AMD K5/K6 and "5xxxM" for Intel P55C.

Solution:

Implement BIOS v1.03.

Customer Impact/Recommendations:

The Customer is advised to update to the latest BIOS revision.

ECO Number: MAG-037

Part: Celebris FX Systems

Revision: No revision change

Component: Software

Severity: Low

ECO Issue Date: January 27, 1997

Type of Notification: No Customer action required

Change Description: Incorporate Windows 95 SR2, remove AMI Diag

Problem Description:

Win 95 SR2 was released in some languages. Remove AMI diagnostic.

Solution:

Incorporate Windows 95 Service Release 2, remove AMI diagnostic floppy. AMI diagnostic is now installed on the hard drive.

Customer Impact/Recommendations:

Customers may receive Windows 95 with SR2 and AMI Diagnostics installed.

ECO Number: MAG-042

Part: Celebris FX Systems

Revision: No revision change

Component: CDROM

Severity: Low

ECO Issue Date: February 17, 1997

Type of Notification: No Customer action required

Change Description: Allow use of alternate source of qualified 12X CDROM

Problem Description:

Manufacturing requires additional source of qualified 12X CDROM drives.

Solution:

Allow use of either PCXRN-AH (Toshiba 12X CDROM) or PCXRN-AI (Teac 12X CDROM).

Customer Impact/Recommendations:

Customers may receive either Teac or Toshiba 12X CDROMs installed in new product.