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ZFx86 Phoenix BIOS Version 1.0400 <build date 04/24/01>

FILE DEFINITIONS:

- PhoenixBIOS(TM) 4.0 Revision 6 User's Manual
- ZFx86 BIOS User's Manual Supplement
- Routing ZFx86 Interrupts Application Note (ZFAN-15)
- README.TXT - release notes
- ZFX10400.ROM binary image file with ZF Micro Devices, Inc splash screen (graphic at boot)
- ZFX10400.ROM binary image file with no splash screen
- ZFX10400ROM.BIN - Z-tag Manager binary image file with splash screen
- TESTLOGO.BMP - Generic 640x480x256 color bit map splash screen graphic
- AMDFLASH.EXE utility
- ZEB.EXE Release x.04 - ZF Edit BIOS utility

To report bugs or obtain BIOS support, email:

support@zfmicro.com

Version 1.0400 Release Notes:

- Added 7 additional slots to the PIRQ Routing Table for embedded PCI device assignments. The ZFx86 now supports a total of 10 slots which may be used for embedded and/or PCI adapter based devices. See the ZF Application Note ZFAN-15 for details.
- Fixed the RFD enable/disable and boot settings to allow configuration with the ZF Edit BIOS (ZEB) Utility
- ZEB (x.04) supports a bit-map setting for installing custom splash (graphics) screens. See the BIOS Supplement for details.
- ZEB (x.04) fixes a problem with I/O Chip Select width. The 8/16 choice was reversed.

Version 1.04 Tips:

Use the ZF Edit BIOS utility with the BIOS version 1.04 release set.

Enter the BIOS Configuration Setup Utility during boot by pressing F2 at the end of the splash screen (ZF Logo) display - when the keyboard LEDs Flash.

See the "ZFx86 BIOS User's Manual Supplement" for additional details on custom configuration settings, such as the ZFx86's I/O and Memory Window Chip Selects.

See the "PhoenixBIOS 4.0 User's Manual" for details on standard configuration settings, such as IDE. This manual also contains POST code definitions and details about using the programming interface for functions such as APM 1.2.

Due to System Management Interrupt errata, APM is not fully functional on the ZFx86 silicon 1.3 stepping. This errata has been fixed in ZFx86 silicon stepping 1.5 and up. If you use the ZFx86 1.3 stepping, disable the USB functionality. It is not fully supported in 1.3.