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Classic E Expandable Desktop BIOS Recovery

The Classic E-Series incorporates a Phoenix Technologies system BIOS on a FLASH component. FLASH BIOS allows easy upgrades without the need to replace an EPROM. The upgrade utility fits on a floppy diskette and provides the capability to save, verify, and update the system BIOS. The utility can be run from a hard drive or a network drive, but no memory managers can be installed during upgrades.

The latest upgrade utility and BIOS code are available in the *public* section of the iPAN bulletin board.

USING THE UPGRADE UTILITY

If the utility is obtained from iPAN, UNZIP the archive and copy the files to a bootable MS-DOS 3.3, 4.01, 5.0, or 6.0 bootable diskette. Reboot the system with the upgrade diskette in the bootable floppy drive and follow the directions in the easy to use menu-driven program.

RECOVERY MODE

In the unlikely event that a FLASH upgrade is interrupted, it is possible the BIOS may be left in an unusable state. Recovering from this condition requires the following steps.

1. Change jumper J3 to position 1-2.
2. Install the bootable upgrade diskette into drive A:
3. Reboot the system.
4. Because of the small amount of code available in the non-erasable boot block area, no video is available to direct the procedure. The procedure can be monitored by listening to the speaker and looking at the floppy drive LED. When the system beeps and the floppy drive LED is lit, the system is copying the recovery code into the FLASH device. As soon as the drive LED goes off, the system can be turned off.
5. Reset jumper J3 to position 2-3.
6. Leave the upgrade floppy in drive A: and turn the system on.
7. Continue with the original upgrade.

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