

BIOS Flash

BIOS Flash, Update and Backup Utility

Software Protection

Secure Your Valuable Software



Features

- Updates the BIOS version of Flash ROM (Supporting Flash ROM Sizes 1 M, 2 M and 4 M KB)
- Backs up your current BIOS by copying it from the flash chip to a file on your disk
- Utility and API for fast implementation of custom applications
- Support Windows XP

Features

- Protection by Security ID via BIOS
- Security ID consists of Board ID, Vendor ID & Customer ID
- Security ID is stored in special area in BIOS
- Security ID is encrypted using hash function SHA-1
- Utility and API for fast implementation of custom applications
- Supports Windows XP

Description

BIOS Flash is a tool that allows customers to update and backup the BIOS on Advantech hardware platforms; it provides a user friendly interface under Windows XP.

Description

Software Protection provides a security function for customers to protect their applications. The Security ID consists of Board ID, Vendor ID, and Customer ID stored in a special area in the BIOS. The Board ID will store the first MAC address of the board or system, so each board or system will have a unique Board ID, which will be factory installed and read only. Vendor ID is a unique string for each customer or project; this is pre-defined by the customer and can be input at the factory. The last is Customer ID, a unique string defined by the customer and input by customer using our utility or the customer's own application calling our API. The three IDs provide a triple level protection for the customer's system. The Security ID is encrypted by using hash function SHA-1.

Ordering Information

Part No.	Description
205E000001	Advantech BIOS Flash Utility V1.0 XP ENG

Note: Only Advantech hardware with Award BIOS is supported. For other requirements, please contact local sales. You can download the evaluation version to test on some selected platforms.

Ordering Information

Part No.	Description
205E000006	Advantech Software Protection Utility V1.0 XP ENG

Note: To be able to use this utility, the hardware must have Security ID BIOS support, please contact your local sales. You can download the evaluation version to test on some selected platforms.