FUJITSU

Product Facts
Fujitsu Mainboard Accessories
Erase Disk

Benefits:

Erase Disk is a Fujitsu Technology Solutions feature embedded in the system firmware (UEFI: Unified Extensible Firmware Interface) to erase all data reliably from a hard disk.

The main purpose of this feature is to irretrievably delete all sensitive data from a hard disk before it will be discarded or the complete computer system will be sold. It can also be used whenever a hard disk should be deleted completely, e.g. before a new operating system will be installed.

Benefits compared to special software solutions are:

- No additional costs
- No installation as already implemented within the UEFI firmware
- Part of the BIOS, cannot get lost during the lifetime of the board

Brief Description:

The application itself is called EraseDisk and is designed to run as part of a standard UEFI Firmware at the end of the Power On Self Test (POST).

To erase data from a hard disk proceed as follows:

The application can only be selected and executed, if an admin password is set.

Enter the BIOS Setup using the admin password.

To start the application automatically after the next reboot, set the switch called Erase Disk to Start.

Once the application is started, enter the admin password again for security purpose.

A dialog will be displayed which allows you to select a specific, several or all hard disks   - depending on the number of attached hard disks in the system.

Select the hard disk to be deleted.

EraseDisk offers four deletion options from "fast" (with one deletion cycle) to "very secure" (with 35 deletion cycles):

Zero Pattern (1 pass)

German BSI/VSITR (7 passes)

DoD 5220.22-M ECE (7 passes)

Guttmann (35 passes)

Select desired hard disk deletion algorithm.

Consequently, the user can select the following tasks which will be executed by the system after the hard disk deletion process:

- Reset Password
- Load Setup Defaults
- Shutdown System

Select desired task.

The deletion process starts.

The complete disk erase can be recorded as an audit proof protocol copied to an external USB drive.

Depending on the selected algorithm the duration ranges from ~10 sec. to ~10 min. per GByte.

Additional information and downloads:

General Information

www.ts.fujitsu.com/mainboards

Documentation and downloads:

ftp.ts.fujitsu.com/pub/Mainboard-OEM-Sales/

Fujitsu platform solutions

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Computing products

www.fujitsu.com/global/services/computing
- PRIMERGY: Industrial standard server
- SPARC Enterprise: UNIX server
- PRIMEQUEST: Mission-critical IA server
- ETERNUS: Storage system

Software

www.fujitsu.com/software/
- Interstage: Application infrastructure software
- Systemwalker: System management software

More information

Learn more about Fujitsu Mainboards, please contact your Fujitsu sales representative, Fujitsu business partner, or visit our website.
http://ts.fujitsu.com/

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Contact
FUJITSU Technology Solutions
OEM Mainboard Sales
Email: oem-sales@ts.fujitsu.com

Website: http://ts.fujitsu.com
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