ST412 Hard Drive Interface



Overview

The ST-412 interface and its variants were the de facto industry standard for personal computer hard disks until the advent and wider adoption of the IDE or ATA interface in the early 1990s.

Article Content

ST-506/ST-412 explained

The ST-412 interface and its variants were the de facto industry standard for personal computer hard disks until the advent and wider adoption of the IDE or ATA interface in the early 1990s.

ST506 disk interface

The ST506 disk interface (other common names: ST412, ST506/ST412, or often the misleading MFM disk) was introduced in 1980 by Seagate with the 5MB hard disk of the same name.

Seagate ST 506/412 OEM Manual

The ST-506/412 electrical interface is similar to Shugart Associates'' SA 1000 family of 8 inch fixed disc drives. ST -506/412 size and mounting are identical to the industry standard minifloppy disc drives,

ST506/412 (MFM & RLL)

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The ST506/412 interface is the de facto standard hard-drive interface introduced by Seagate in 1980 with the ST506 (5 MB, 5.25-inch) and extended with the ST412 (10 MB, 1981),

Seagate ST-412

This was the beginning of storage as we know it. Shugart was responsible for the genesis of the two hard drive interfaces that were to dominate the PC world for decades, SCSI and ST-506/412. In 1980

Hard Disk Drives/ Seagate // retrocmp / retro computing

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ST-506/ST-412

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Seagate ST 506/412 OEM MANUAL | Manualzz

Seagate ST 506/412 OEM MANUAL - This document provides detailed information about the Seagate ST 506 and ST 412 internal hard drives, including their specifications, features, and operational

Seagate ST-412

Shugart was responsible for the genesis of the two hard drive interfaces that were to dominate the PC world for decades, SCSI and ST-506/412. In 1980 Shugart produced the world''s first 5.25 inch hard

Hard Drive: SEAGATE: ST251-1 43MB 5.25"/HH MFM ST412

Manufacturer: SEAGATE model: ST251-1 capacity: 43MB, physical size: 5.25in/HH, interface: MFM ST412, hard driver specs and jumper settings, layout and features

Crude Anatomy of an ''MFM'' Hard Drive

What is commonly referred to as an ''MFM'' drive, is really a drive that uses the ST506/ST412 interface. Originally, only 4 heads were supported, because the third head-select bit (bit 2) was not used; it was

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ST506/412 (MFM & RLL)

ST506/412 interface pinout: 34-pin control cable and 20-pin data cable used by early 5.25-inch MFM and RLL hard drives from 1980 onwards.

Seagate ST-412 Hard Drive Sounds

Here it is, the drive that started it all! The ST-412 is the first hard drive that was used in IBM PCs and the drive that gave its name to the ST-412 interface. Thanks to it and its competitors at ...

The ST412/506 Interface

The ST412/506 Interface - Forensic Computing A Practitioner''s Guide, 2nd Ed pdf In the very beginning there were no hard disk drives for PCs and, as a result, no inbuilt BIOS support for them. Hard disks

ST-506/ST-412

The ST-506 and ST-412 (sometimes written ST506 and ST412) were early hard disk drive products introduced by Seagate in 1980 and 1981 respectively, that later became construed as hard disk

Seagate ST-412 in action

The ST412-Interface got its name from this drive. It was one of the very first consumer available hard drives!

Hard Drive: SEAGATE: ST125-1 21MB 3.5"/HH MFM ST412

Manufacturer: SEAGATE model: ST125-1 capacity: 21MB, physical size: 3.5in/HH, interface: MFM ST412, hard driver specs and jumper settings, layout and features

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