

0032de80-0

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COLLABORATORS

	TITLE : 0032de80-0		
ACTION	NAME	DATE	SIGNATURE
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REVISION HISTORY

NUMBER	DATE	DESCRIPTION	NAME

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Chapter 1

0032de80-0

1.1 Future Drive Accelerator Benchmarks (Statistics)

Attention: DiskSpeed-GUI cut the last diget of values greater than 9.9MB,
but the blue-bar is correctly calculated.

Disable: Unix-style-path emulate tools.

Denis Zwornarz

PPC604~233MHz~MC68060~50MHz~96MB~FastMem FDA V1.3995

IDE-HardDisk ©Western Digital Caviar 2850 (850MB)

Author

Blizzard-IV~MC68030~50MHz~16MB~FastMem~FastROM FDA V1.3991

Future~Drive~Accelerator~against~PowerCache~&~DynamCache DiskSpeed-GUI V1.1

Future~Drive~Accelerator~against~Profi-File-System DiskSpeed-GUI V1.1

IDE-HardDisk ©Western Digital Caviar 2850 (850MB)

RDBFlags-SCSIisynchron (scsi.device Unit 0 (IDE-Master))

Source and Destination are 535 Cylinder apart.

DD-FloppyDrive ©TEAC

Author

TurboJet~MC68030~14.2MHz~2MB~Slow-FastMem FDA V1.0

IDE-HardDisk ©Western Digital Caviar 2850 (850MB)

RDBFlags-SCSIisynchron (scsi.device Unit 0 (IDE-Master))

Source and Destination are 535 Cylinder apart.

DD-FloppyDrive ©TEAC

Special Speedfactor with Programs:

Amiga Doom V1.10	If enough memory no disk-access.
XFH ohne XScan	Reading directory.
DiskExpander	"
EqFiles	Reading hole files, and make links for equal files.
VirusExecutor	"
IFX/UPD	Samples must be seldom reading.
DirectoryOpus	ReadDir/Copy/Move/Delete/Search...
QuarterBackTools	Recover Lost/Deleted files to same volume
AmiBackTools	Reviver(better than QuarterBackTools)/Analyst

1.2 PPC604_233MHz_060_50MHz_96MB

Load bgui.library for statistic's

All tests with CopyMemQuicker 060 in the background. All tests with less free-disk-space then available memory.

HardDisk

```
ProfiFileSystem-2 V17.8:
view~statistic's    DiskSpeed-GUI V1.1 © by Patrick Hess
```

1.3 BlizzardIV030_50Mhz_16MB

Load bgui.library for statistic's

All tests with DiskSafe, CopyMemQuicker 030, HDOff in the background. All tests with less free-disk-space then available memory.

HardDisk

```
Ami-FileSafe V15.9 DEMO:
view~statistic's    DiskSpeed-GUI V1.1 © by Patrick Hess
```

```
SmartFileSafe SCSIdirect V1.13:
view~statistic's    DiskSpeed-GUI V1.1 © by Patrick Hess
```

Berkeley FastFileSystem V1.3: (LinUX NetBSD FreeBSD)
view~statistic's DiskSpeed-GUI V1.1 © by Patrick Hess

AmigaDos FastFileSystem V43.20 International:
view~statistic's DiskSpeed-GUI V1.1 © by Patrick Hess

AmigaDos FastFileSystem V43.20 International:
44 Dirs, 561 Files = 2.3MB Size
c:Copy MUI: ASWAP:MUI ALL CLONE QUIET

Dos 457 Dos-Buffers Runtime: 46 secs 253999 micros
FDA 7 Dos-Buffers Runtime: 11 secs 196642 micros (413.11% faster)

FloppyDisk DD (diskspare.device V3.0) No Verify:

AmigaDos FastFileSystem V43.20 International:
view~statistic's DiskSpeed-GUI V1.1 © by Patrick Hess

1.4 TurboJet030_14MHz_Slow-2MB

Load bgui.library for statistic's

All tests with DiskSafe, CopyMemQuicker2.9, PoolMem and HDOff in the background.

HardDisk

Ami-FileSafe V15.9 DEMO:
view~statistic's DiskSpeed-GUI V1.1 © by Patrick Hess

SmartFileSafe SCSIdirect V0.67 (01.06.98):
view~statistic's DiskSpeed-GUI V1.1 © by Patrick Hess

AmigaDos FastFileSystem V40.1 International:
view~statistic's DiskSpeed-GUI V1.1 © by Patrick Hess

AmigaDos FastFileSystem
381 Files, 1.5MB Size Cache too small to hold all Files in it.
c:Copy MUI: SWAP:MUI ALL CLONE QUIET

Dos 30 Dos-Buffers Runtime: 0 mins 33 secs 152068 micros
FDA 20 Dos-Buffers Runtime: 0 mins 22 secs 187995 micros 33.07% faster

FloppyDisk DD (diskspare.device V3.0) No Verify:

AmigaDos FastFileSystem V40.1 International:

view~statistic's DiskSpeed-GUI V1.1 © by Patrick Hess

1.5 RDBFlags

Aminet: RDBFlags-1.2.lha disk/misc 8K+RDBFlags 1.2, modify RDB flags

With the SYNC-Option is the datatransferratio increased by 3%.

1.6 Runtime

<http://ftp.uni-stuttgart.de/pub/systems/amiga/amok/025/MicroTimer.lha> (runtime)