

**0032de80-0**

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**COLLABORATORS**

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**REVISION HISTORY**

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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  
 -SCSIsynchron (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

-SCSIsynchron (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

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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)

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