SiSoft Sandra - The Diagnostic Tool, Compatibility Document

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This document was written to answer questions about Sandra's compatibility. Sandra was tested and no problems have been noticed on the listed devices. Of course, this does not mean that it will work on similar configurations…

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Operating Systems

- Microsoft Windows 95, Version 4.00.306, 4.00.950, 4.00.950a
- Microsoft Windows 95 OSR2, Version 4.00.1111b

Extras / Utilities

- Microsoft Windows Sockets 1.01. 2.02
- WinG 1.00
- OpenGL 1.00
- DirectX (DirectDraw/Direct3D) 2.00, 3.00, 3.00a

Processors

- Intel 486DX-25, 33
- Intel 486DX2-66
- AMD 486DX4-133
- Cyrix 486DX2-80
- Intel Pentium 75, 100, 120, 133, 166
- Intel Pentium MMX 200
- Cyrix 6x86 P150+, P166+
- NexGen Nx586-110

Cache Memory

- Asynchronous
- Pipeline Burst

Memory

- FPM
- EDO
- SDRAM

Buses

- ISA
- PCI, BIOS Support 2.00, 2.10

Chipsets

- Intel Triton FX, HX, VX, MX (Pentium) @ 50, 60, 66
- Symphony (486) @ 33

BIOSes

- AMI Hi-Flex 1.00 '91
- AMI PnP '95
- AMI DMI 2.0 BIOS '96
- AWARD PnP 4.50pg, 4.51pg '95-'97
- Phoenix '96

Floppy Disks - Benchmarking

Device	Sequential Read	Random Read	Sequential Write	Random Write
1.44MB 3.5" Floppy	40-60	40-60	40-50	25-40
1.2MB 5.25" Floppy	40-60	50-60	40-50	30-40

Buffered Read/Write is system memory dependent, so it is not useful. Scores in KB/s.

Hard Disks - Benchmarking

Device	Interface	Size	Sequential Read	Random Read	Sequential Write	Random Write
Unknown	EIDE	2.4G	7.0	3.5	4.0	1.7
Unknown	EIDE	2.4G	6.0	1.8	1.2	0.8
Quantum Fireball	EIDE	2G	5.7	2.5	2.4	1.0
Unknown	EIDE	3.6G	4.6	2.8	3.3	1.6
Unknown	EIDE	1.5G	4.5	2.1	1.7	0.8
Seagate ST1080	EIDE	1.1G	4.3	2.6	2.8	1.3
Unknown	EIDE	1.1G	3.7	2.3	2.0	0.9
Unknown	EIDE	1.6G	2.9	1.6	1.8	1.0
Unknown	EIDE	812M	2.4	1.5	1.1	0.6
Unknown	EIDE	1.1G	2.3	1.7	1.9	0.7
Unknown	EIDE	1.8G	2.0	1.8	1.2	0.8

Buffered Read/Write is system memory dependent, so it is not useful. Scores in MB/s

CD-ROM Drives - Benchmarking

Device	Buffered Read	Sequential Read	Random Read
Panasonic CR-581 4x	370	690	220
Wearnes CDD-1020 10x	540	810	260

Scores in KB/s.

Printers - Print Report

- Canon BJ-20, bubble-jet, 360x360 dpi
  - Canon LBP-8 A1, laser, 300x300 dpi

Comments

This list includes only devices which may be incorrectly detected on some systems or have been used for benchmarking purposes. If I were to list all video cards that Sandra was tested on for example this list would be way too large.