SPEC CFP95 Results

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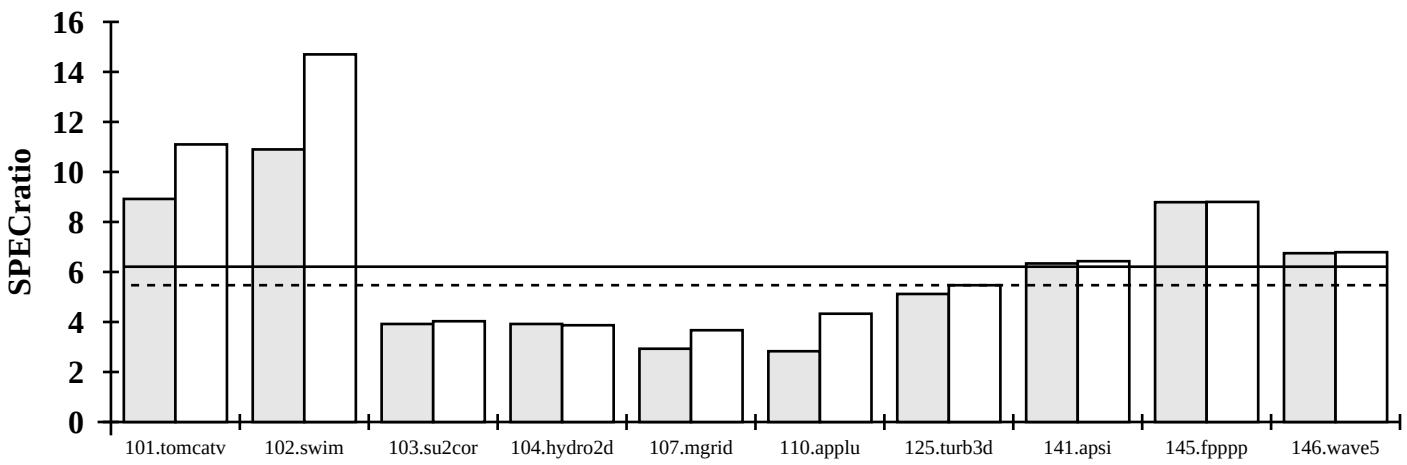
Intel Corporation
Alder System (166MHz, 512KB L2)

SPECfp95 = 6.21

SPECfp_base95 = 5.47

SPEC license # 14 | Tested By: Intel | Test Date: Oct-95 | Hardware Avail: Mar-96 | Software Avail: Feb-96



Hardware/Software Configuration for:
Alder System (166MHz, 512KB L2)

Hardware

Model Name:	Alder
CPU:	166MHz Pentium Pro Processor
FPU:	Integrated
Number of CPU(s):	1
Primary Cache:	8KBI+8KBD
Secondary Cache:	512KB(I+D)
Other Cache:	None
Memory:	128MB (60ns fast page)
Disk Subsystem:	2GB ST32550W
Other Hardware:	AHA-2940W Controller

Software

Operating System:	UnixWare 2.0, SDK
Compiler:	Intel FORTRAN Reference Compiler 2.2 Beta
File System:	ufs, vxfs (/tmp as 8MB /tmpfs)
System State:	Single user (root + killall)

Benchmark # and Name	Reference Time	Base Run Time	Base SPEC Ratio	Run Time	SPEC Ratio
101.tomcatv	3700	415	8.92	333	11.1
102.swim	8600	787	10.9	586	14.7
103.su2cor	1400	357	3.92	348	4.03
104.hydro2d	2400	613	3.92	619	3.87
107.mgrid	2500	854	2.93	681	3.67
110.applu	2200	776	2.83	508	4.33
125.turb3d	4100	801	5.12	750	5.47
141.apsi	2100	331	6.34	326	6.43
145.fpppp	9600	1092	8.79	1091	8.80
146.wave5	3000	444	6.75	442	6.79
SPECfp_base95 (G. Mean)			5.47		
		SPECfp95 (G. Mean)			6.21

Notes/Tuning Information

```
Flags: Base: -tp p6 -ipo -pc 64
Non-base:
101: -tp p6 -ipo -mem -pad -distype -fcon -pc 64
102: -tp p6 -ipo -pad -fcon -pc 64
103: -tp p6 -ip -mem -mil1 -pad -fcon -pc 64
104: -ip -mem -mil1 -pc 64
107: -tp p6 -pad -fcon -pc 64
110: -ipo -mem -mP2OPT_opt_bblock_stat_limit=10000 -pc 64
125: -tp p6 -ip -mem -mil1 -pad -fcon -pc 64
141: Pass1: -tp p6 -prof_gen -ircdb_dir /tmp/IRCDB
Pass2: -tp p6 -pc 64 -prof_use -ircdb_dir /tmp/IRCDB
145: -tp p6 -ipo  -pc 64
146: Pass1: -tp p6 -profgen -ircdb_dir /tmp/IRCDB
Pass2: -tp p6 -ipo -mem -pad -distype -pc 64 -prof_use -ircdb_dir /tmp/IRCDB
Memory subsystem is four-way interleaved.
```

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