SPEC CFP95 Results

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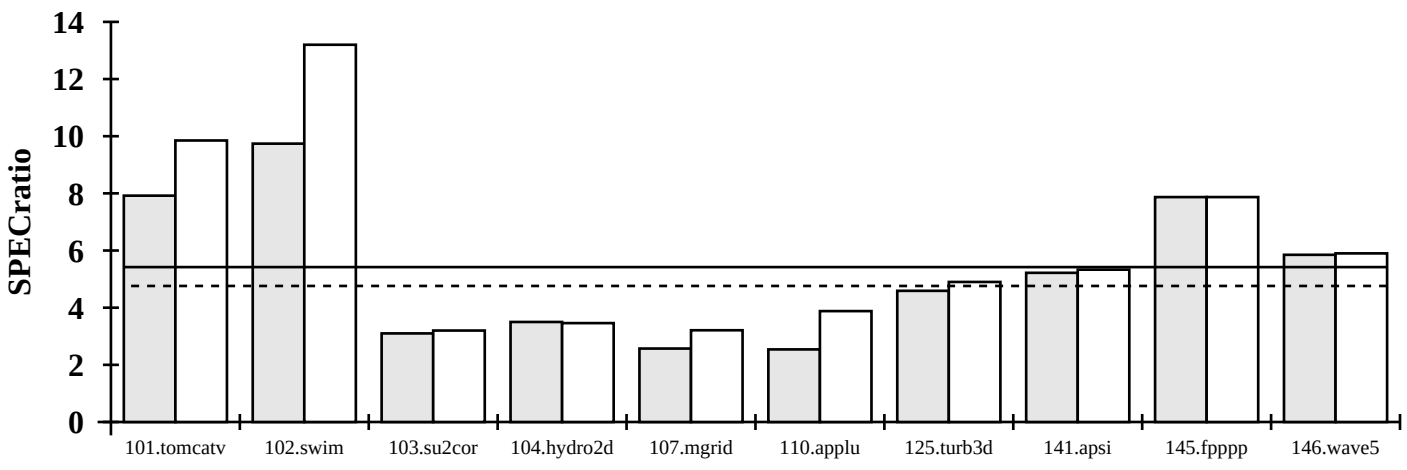
Intel Corporation
Alder System (150MHz)

SPECfp95 = 5.42

SPECfp_base95 = 4.76

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



Hardware/Software Configuration for:
Alder System (150MHz)

Hardware

Model Name:	Alder
CPU:	150MHz Pentium Pro Processor
FPU:	Integrated
Number of CPU(s):	1
Primary Cache:	8KBI+8KBD
Secondary Cache:	256KB(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	467	7.92	376	9.85
102.swim	8600	883	9.74	653	13.2
103.su2cor	1400	452	3.10	438	3.20
104.hydro2d	2400	685	3.50	693	3.46
107.mgrid	2500	974	2.57	778	3.21
110.applu	2200	865	2.54	567	3.88
125.turb3d	4100	893	4.59	838	4.90
141.apsi	2100	403	5.22	394	5.33
145.fpppp	9600	1220	7.87	1220	7.87
146.wave5	3000	513	5.85	508	5.90
SPECfp_base95 (G. Mean)			4.76		
		SPECfp95 (G. Mean)			5.42

Notes/Tuning Information

```
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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