SPEC CFP95rate Results

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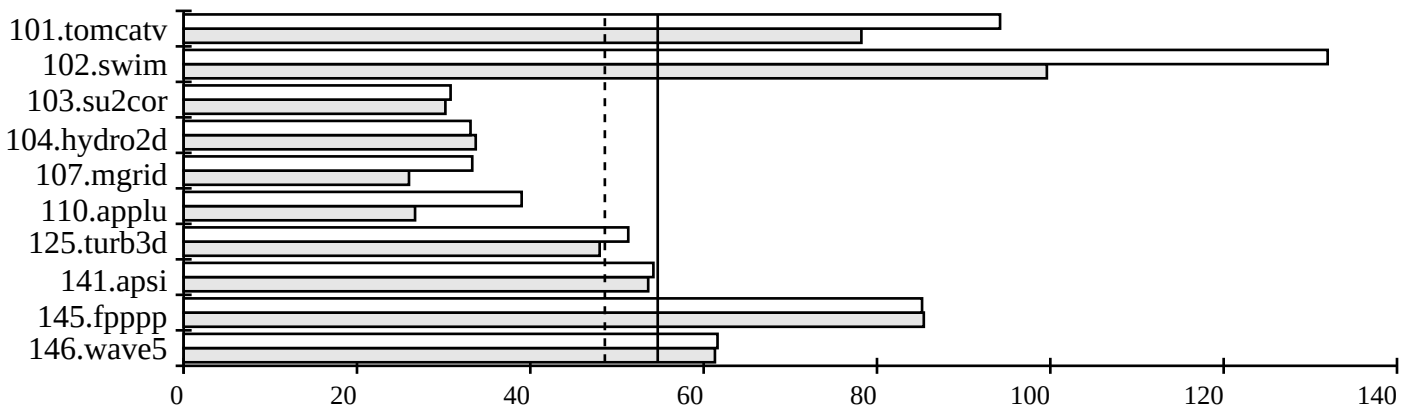
Intel Corporation
Alder System (180MHz, 256KB L2)

SPECfp_rate95 = 54.7

SPECfp_base_rate95 = 48.6

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



Hardware/Software Configuration for:
Alder System (180MHz, 256KB L2)

Hardware

Model Name:	Alder
CPU:	180MHz 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	Base Copies	Base Run Time	Base SPEC Ratio	Copies	Run Time	SPEC Ratio
101.tomcatv	1	426	78.2	1	354	94.2
102.swim	1	777	99.6	1	588	132
103.su2cor	1	418	30.2	1	410	30.8
104.hydro2d	1	641	33.7	1	653	33.1
107.mgrid	1	864	26.0	1	675	33.3
110.applu	1	743	26.7	1	507	39.0
125.turb3d	1	768	48.0	1	719	51.3
141.apsi	1	352	53.6	1	349	54.2
145.fpppp	1	1011	85.4	1	1014	85.2
146.wave5	1	440	61.3	1	438	61.6
SPECfp_base_rate95 (G. Mean)			48.6			
SPECfp_rate95 (G. Mean)						54.7

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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