SPEC CFP95rate Results

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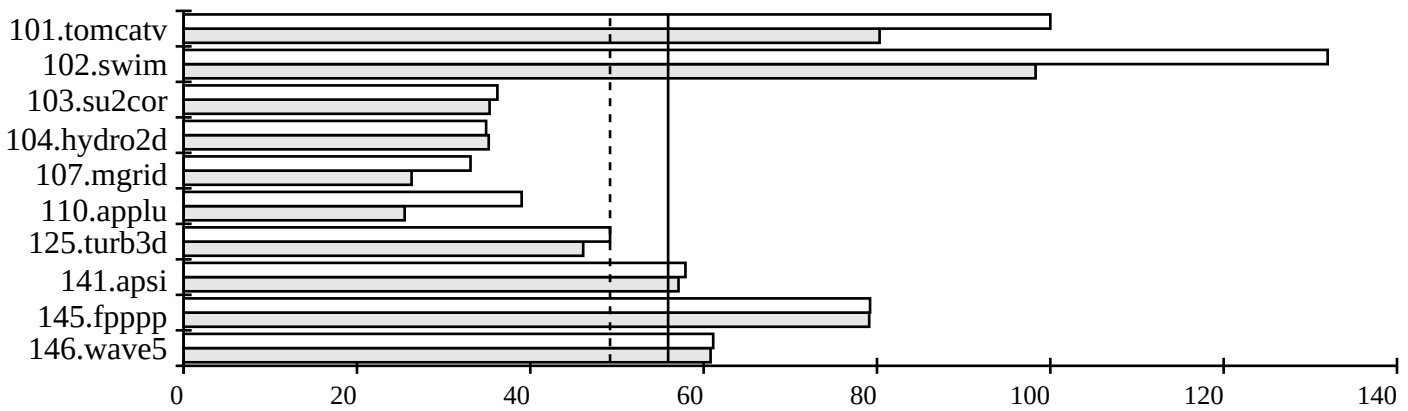
Intel Corporation
Alder System (166MHz, 512KB L2)

SPECfp_rate95 = 55.9

SPECfp_base_rate95 = 49.2

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	Base Copies	Base Run Time	Base SPEC Ratio	Copies	Run Time	SPEC Ratio
101.tomcatv	1	415	80.3	1	333	100.0
102.swim	1	787	98.3	1	586	132
103.su2cor	1	357	35.3	1	348	36.2
104.hydro2d	1	613	35.2	1	619	34.9
107.mgrid	1	854	26.3	1	681	33.1
110.applu	1	776	25.5	1	508	39.0
125.turb3d	1	801	46.1	1	750	49.2
141.apsi	1	331	57.1	1	326	57.9
145.fpppp	1	1092	79.1	1	1091	79.2
146.wave5	1	444	60.8	1	442	61.1
SPECfp_base_rate95 (G. Mean)			49.2			
SPECfp_rate95 (G. Mean)						55.9

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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