SPEC CFP95rate Results

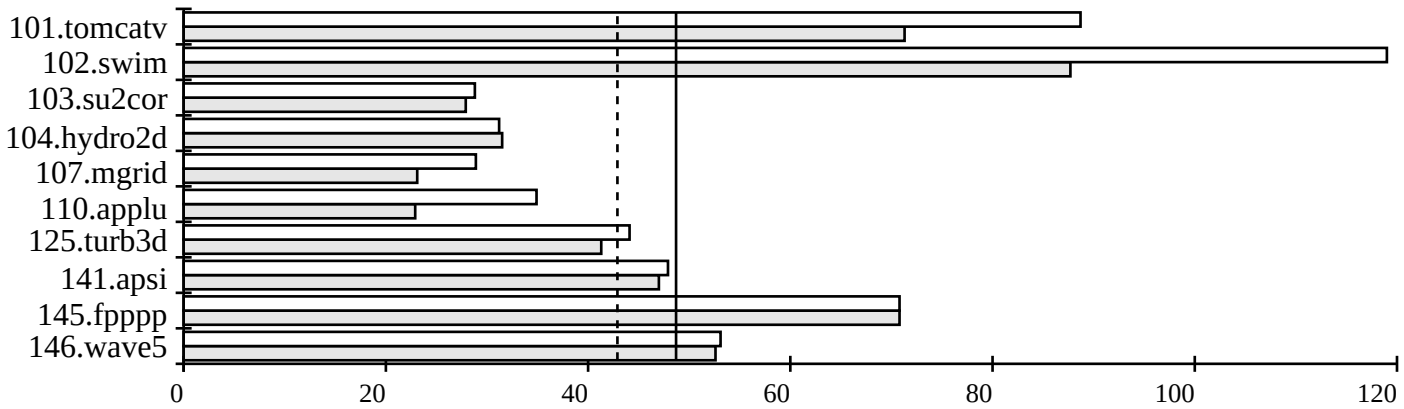
©Copyright 1995, Standard Performance Evaluation Corporation

Intel Corporation
Alder System (150MHz)

SPECfp_rate95 = 48.7

SPECfp_base_rate95 = 42.9

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	Base Copies	Base Run Time	Base SPEC Ratio	Copies	Run Time	SPEC Ratio
101.tomcatv	1	467	71.3	1	376	88.7
102.swim	1	883	87.7	1	653	119
103.su2cor	1	452	27.9	1	438	28.8
104.hydro2d	1	685	31.5	1	693	31.2
107.mgrid	1	974	23.1	1	778	28.9
110.applu	1	865	22.9	1	567	34.9
125.turb3d	1	893	41.3	1	838	44.1
141.apsi	1	403	47.0	1	394	47.9
145.fpppp	1	1220	70.8	1	1220	70.8
146.wave5	1	513	52.6	1	508	53.1
SPECfp_base_rate95 (G. Mean)			42.9			
SPECfp_rate95 (G. Mean)						48.7

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.
```

For More Information Contact:
SPEC
10754 Ambassador Drive, Suite 201
Manassas, VA 22110
(703) 331-0180
info@specbench.org
http://www.specbench.org