SPEC CFP95rate Results

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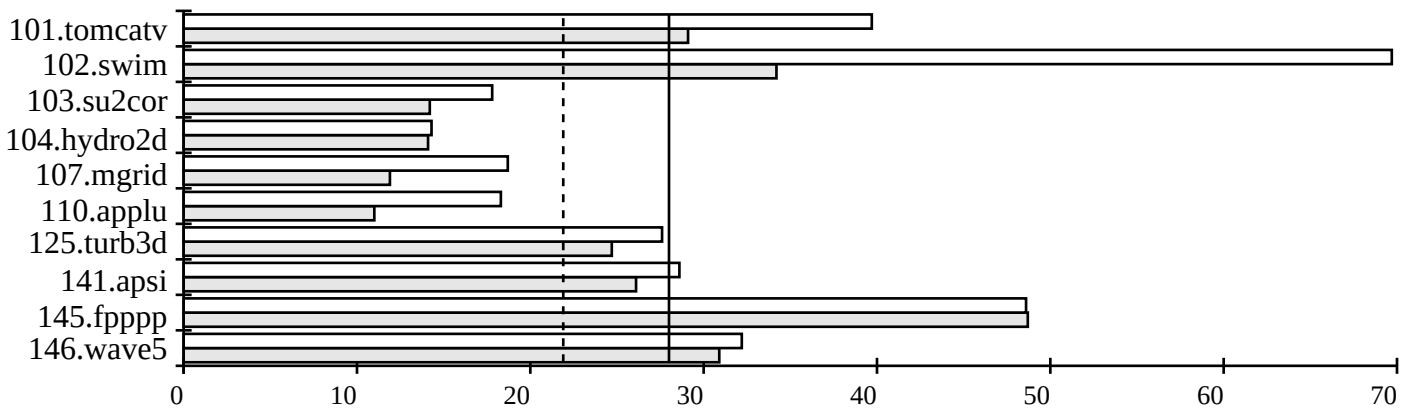
Intel Corporation
XXpress Deskside (150MHz)

SPECfp_rate95	=	28.0
SPECfp_rate_base95	=	21.9

SPEC license # 14	Tested By: Intel	Test Date: May-96	Hardware Avail: Jan-96	Software Avail: Mar-96



Hardware/Software Configuration for:
XXpress Deskside (150MHz)

Hardware

Model Name:	XXpress
CPU:	150MHz Pentium processor
FPU:	Integrated
Number of CPU(s):	1
Primary Cache:	8KBI+8KBD
Secondary Cache:	1MB(I+D)
Other Cache:	None
Memory:	64MB (EDO)
Disk Subsystem:	2x973MB Seagate ST 31250W
Other Hardware:	AIC 7870 PCI (onboard)

Software

Operating System:	UnixWare 2.0, UnixWare SDK
Compiler:	Intel FORTRAN Reference Compiler 2.3
File System:	UFS (/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	1145	29.1	1	839	39.7
102.swim	1	2264	34.2	1	1110	69.7
103.su2cor	1	888	14.2	1	709	17.8
104.hydro2d	1	1535	14.1	1	1513	14.3
107.mgrid	1	1885	11.9	1	1201	18.7
110.applu	1	1792	11.0	1	1081	18.3
125.turb3d	1	1494	24.7	1	1336	27.6
141.apsi	1	724	26.1	1	660	28.6
145.fpppp	1	1776	48.7	1	1777	48.6
146.wave5	1	874	30.9	1	839	32.2
SPECfp_rate_base95 (G. Mean)			21.9			
SPECfp_rate95 (G. Mean)						28.0

Notes/Tuning Information

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Flags: Base: -tp p5 -ipo -pc 64 -nofdiv_check
Peak:
101: -tp p5 -ipo -mem -pad -distype -fcon -pc 64 -nofdiv_check
102: -tp p5 -ipo -pad -fcon -pc 64 -nofdiv_check
103: Pass1: -tp p5 -prof_gen -ircdb_dir /tmp/IRCDB
Pass2: -tp p5 -ip -mem -mil1 -pad -fcon -pc 64 -nofdiv_check -prof_use -ircdb_dir /tmp/IRCDB
104: Pass1: -tp p5 -prof_gen -ircdb_dir /tmp/IRCDB
Pass2: -tp p5 -nofdiv_check -ip -mem -mil1 -pc 64 -prof_use -ircdb_dir /tmp/IRCDB
107: -tp p5 -pad -fcon -pc 64 -nofdiv_check
110: -tp p5 -ipo -mem -mP2OPT_opt_bblock_stat_limit=10000 -pc 64 -nofdiv_check
125: -tp p5 -ip -mem -mil1 -pad -fcon -pc 64 -nofdiv_check
141: Pass1: -tp p5 -w -prof_gen -ircdb_dir /tmp/IRCDB
Pass2: -tp p5 -nofdiv_check -pc 64 -prof_use -ircdb_dir /tmp/IRCDB
145: -tp p5 -ipo  -pc 64 -nofdiv_check
146: Pass1: -tp p5 -prof_gen -ircdb_dir /tmp/IRCDB
Pass2: -tp p5 -nofdiv_check -ipo -mem -pad -distype -pc 64 -prof_use -ircdb_dir /tmp/IRCDB
Two processor module; 2nd processor disabled with UnixWare "psradm" command
180MHz processor clocked down to 150MHz for testing
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-- Prepared By: --