SPEC CFP95rate Results

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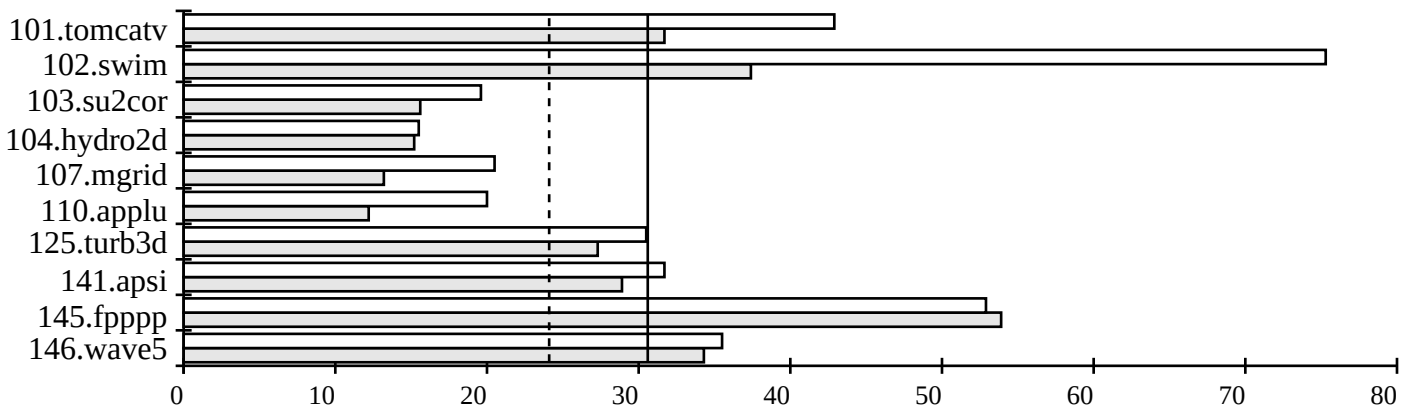
Intel Corporation
XXpress Deskside (166MHz)

SPECfp_rate95	=	30.6
SPECfp_rate_base95	=	24.1

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



SPECrate

Hardware/Software Configuration for:
XXpress Deskside (166MHz)

Hardware

Model Name:	XXpress
CPU:	166MHz 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	1052	31.7	1	776	42.9
102.swim	1	2068	37.4	1	1028	75.3
103.su2cor	1	809	15.6	1	642	19.6
104.hydro2d	1	1421	15.2	1	1398	15.5
107.mgrid	1	1707	13.2	1	1097	20.5
110.applu	1	1627	12.2	1	990	20.0
125.turb3d	1	1353	27.3	1	1211	30.5
141.apsi	1	654	28.9	1	596	31.7
145.fpppp	1	1604	53.9	1	1633	52.9
146.wave5	1	787	34.3	1	760	35.5
SPECfp_rate_base95 (G. Mean)			24.1			
SPECfp_rate95 (G. Mean)						30.6

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

-- Prepared By: --