SPEC CFP95rate Results

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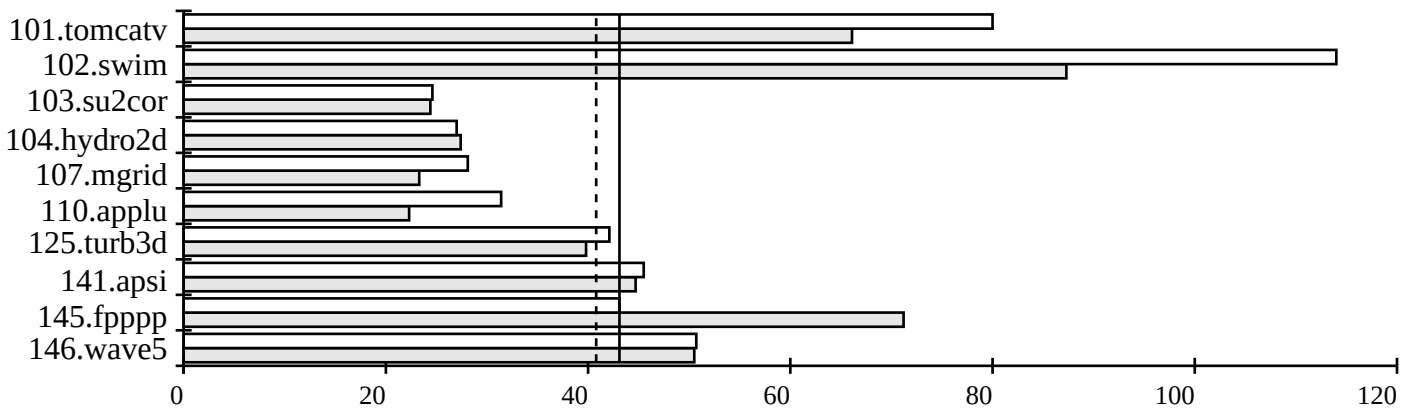
Intergraph Corporation
TDZ300 (150MHz)

SPECfp_rate95 = 43.1

SPECfp_base_rate95 = 40.8

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



Hardware/Software Configuration for:
TDZ300 (150MHz)

Hardware

Model Name:	TDZ300
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	504	66.1	1	416	80.0
102.swim	1	887	87.3	1	680	114
103.su2cor	1	517	24.4	1	513	24.6
104.hydro2d	1	790	27.4	1	799	27.0
107.mgrid	1	966	23.3	1	800	28.1
110.applu	1	888	22.3	1	630	31.4
125.turb3d	1	927	39.8	1	876	42.1
141.apsi	1	423	44.7	1	415	45.5
145.fpppp	1	1214	71.2	1	2003	43.1
146.wave5	1	535	50.5	1	533	50.7
SPECfp_base_rate95 (G. Mean)			40.8			
SPECfp_rate95 (G. Mean)						43.1

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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