SPEC CFP95 Results

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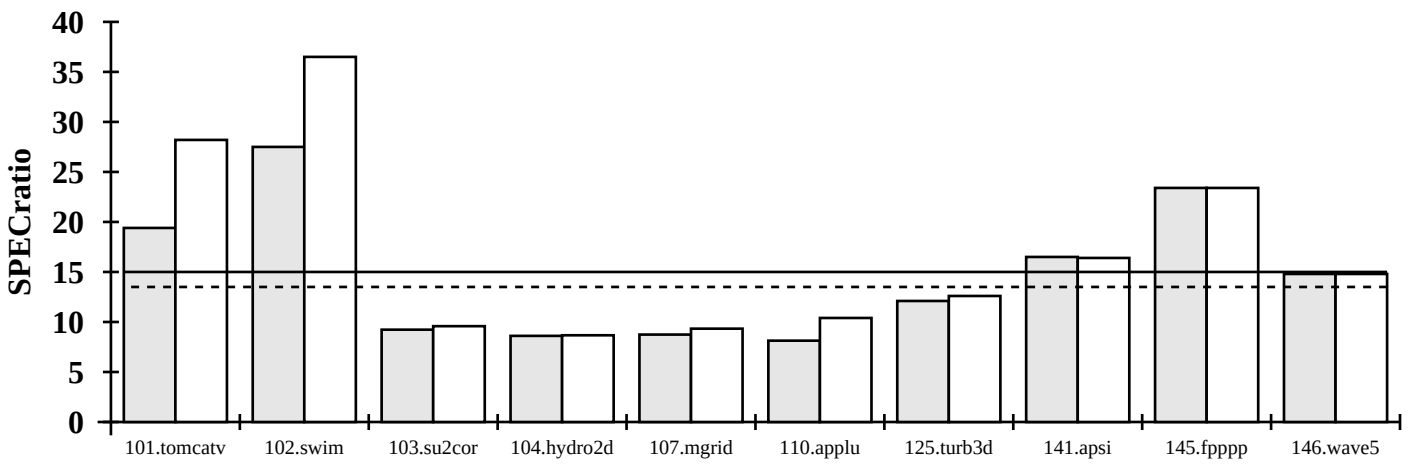
Intel Corp.
Intel MS440GX Motherboard (Pentium II Xeon 450 MHz)

SPECfp95 = 15.0

SPECfp_base95 = 13.5

SPEC license # 14 | Tested By: Intel Corp. | Test Date: Mar-99 | Hardware Avail: Mar-99 | Software Avail: Mar-99



Hardware/Software Configuration for:
Intel MS440GX Motherboard (Pentium II Xeon 450 MHz)

Hardware

Model Name:	Intel MS440GX Motherboard
CPU:	Pentium II Xeon processor (450 MHz 512KB L2)
FPU:	Integrated
Number of CPU(s):	1
Primary Cache:	16KBI+16KBD
Secondary Cache:	512 KB(I+D)
Other Cache:	None
Memory:	64 MB PC 100MHz SDRAM
Disk Subsystem:	Seagate 3940U2W, Adaptec AHA2940U2W
Other Hardware:	None

Software

Operating System:	Microsoft Windows NT 4.0
Compiler:	Intel Fortran Compiler 2.4
File System:	NTFS
System State:	Default

Benchmark # and Name	Reference Time	Base Run Time	Base SPEC Ratio	Run Time	SPEC Ratio
101.tomcatv	3700	190	19.4	131	28.2
102.swim	8600	313	27.5	236	36.5
103.su2cor	1400	152	9.23	146	9.58
104.hydro2d	2400	279	8.61	277	8.67
107.mgrid	2500	286	8.74	268	9.33
110.applu	2200	271	8.13	212	10.4
125.turb3d	4100	340	12.1	326	12.6
141.apsi	2100	128	16.5	128	16.4
145.fpppp	9600	410	23.4	410	23.4
146.wave5	3000	202	14.8	202	14.8
SPECfp_base95 (G. Mean)			13.5		
			SPECfp95 (G. Mean)		15.0

Notes/Tuning Information

```
Flags: Base: -G6 -Qpc 64
Peak:
101: -G6 -Qpc 64 -Qpad -Qrct -Qpad_dim 5
102: -G6  -Qpad -Qpad_dim 2 -Qpc 32
103: -G6  -Qpad -Qrct -Qpc 64
104: -G6  -Qpc 64
107: -Qpad -Qpc 64 -QIfdiv-
110: -G6  -Qip -mP2OPT_opt_bblock_stat_limit=10000 -Qpc 64
125: -G6 -Qpc 64 -Qpad
141: -G6  -Qpc 64
145: -G6 -Qpc 64
146: -G6  -Qpc 64
The Intel Fortran Compiler 2.4 is shipped with VTune 4.0 -
see http://developer.intel.com/vtune/analyzer/index.htm
Tested systems can be used with: Lite-On Custom ATX computer case and
Lite-On 250W power supply.
Product description located as of 3/99 at:
http://developer.intel.com/design/wrkstn/ms440gx/index.htm
Motherboard is available through Intel OEM Distribution Channel. See
-- http://www.intel.com/intel/contact/ for further information
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