SPEC CFP95 Results

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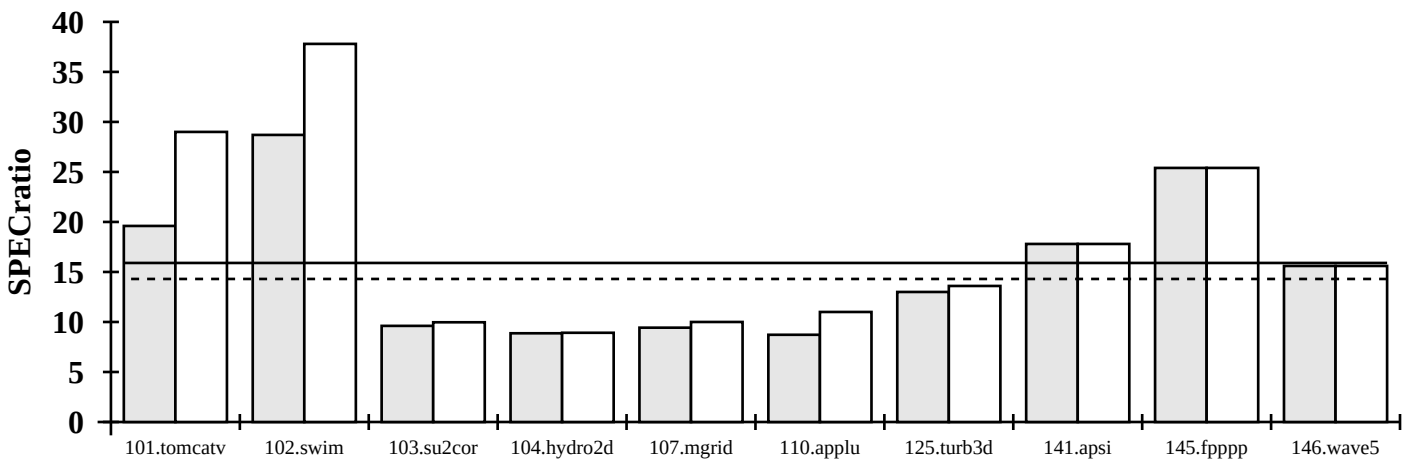
Intel Corp.
Intel MS440GX Motherboard (Pentium III Xeon 500 MHz)

SPECfp95 = 15.9

SPECfp_base95 = 14.3

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 III Xeon 500 MHz)

Hardware

Model Name:	Intel MS440GX Motherboard
CPU:	Pentium III Xeon processor (500 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 100 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	189	19.6	127	29.0
102.swim	8600	300	28.7	227	37.8
103.su2cor	1400	146	9.61	140	9.97
104.hydro2d	2400	271	8.87	269	8.92
107.mgrid	2500	265	9.43	249	10.0
110.applu	2200	252	8.72	200	11.0
125.turb3d	4100	315	13.0	301	13.6
141.apsi	2100	118	17.8	118	17.8
145.fpppp	9600	378	25.4	378	25.4
146.wave5	3000	192	15.6	192	15.6
SPECfp_base95 (G. Mean)			14.3		
		SPECfp95 (G. Mean)			15.9

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.
For more 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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