SPEC CFP95rate Results

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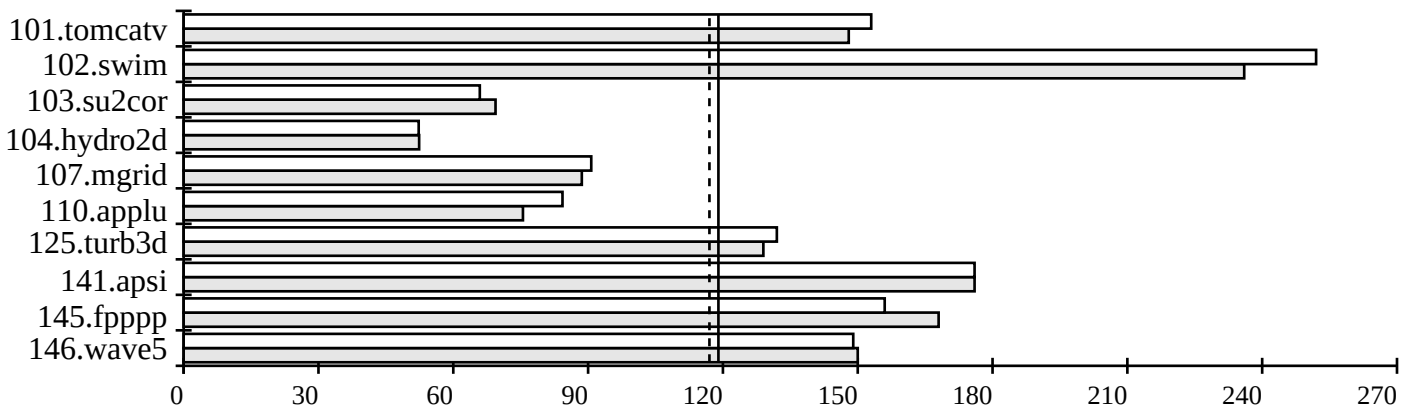
Intel Corporation
Intel DK440LX motherboard (300MHz, L2 ECC, 2 CPU)

SPECfp_rate95 = 119

SPECfp_rate_base95 = 117

SPEC license # 14	Tested By: Intel Corporation	Test Date: Mar-98	Hardware Avail: Nov-97	Software Avail: Jul-97



Hardware/Software Configuration for:
Intel DK440LX motherboard (300MHz, L2 ECC, 2 CPU)

Hardware

Model Name:	Intel DK440LX motherboard
CPU:	Pentium II processor 300MHz
FPU:	Integrated
Number of CPU(s):	2
Primary Cache:	16KBI+16KBD
Secondary Cache:	512KB (I+D) w/ECC
Other Cache:	None
Memory:	256MB EDO ECC
Disk Subsystem:	Seagate Cheetah 4.5GB, Adaptec 2940UW
Other Hardware:	Matrox Millenium II

Software

Operating System:	Microsoft Windows NT 4.0
Compiler:	Intel Fortran Compiler 2.4
File System:	NTFS
System State:	Default (MP kernel)

Benchmark # and Name	Base Copies	Base Run Time	Base SPEC Ratio	Copies	Run Time	SPEC Ratio
101.tomcatv	2	449	148	2	434	153
102.swim	2	656	236	2	615	252
103.su2cor	2	363	69.4	2	382	65.9
104.hydro2d	2	825	52.4	2	827	52.3
107.mgrid	2	508	88.6	2	496	90.7
110.applu	2	524	75.5	2	470	84.3
125.turb3d	2	571	129	2	559	132
141.apsi	2	214	176	2	215	176
145.fpppp	2	1032	168	2	1110	156
146.wave5	2	361	150	2	363	149
SPECfp_rate_base95 (G. Mean)			117			
SPECfp_rate95 (G. Mean)						119

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: -QIfdiv- -Qpc 64
146: -G6  -Qpc 64
The Intel Compiler 2.4 is shipped with VTune 2.4 - see http://developer.intel.com/
Tested system can be used with: Shin-G ATX Computer Case; Sparkle, Inc ATX Power Supply
Product description located as of 11/97 at:
http://developer.intel.com/design/motherbd/dk/dk_ds.htm
Motherboard is available through Intel OEM distribution channel. See:
http://www.intel.com/intel/contact/ for further information
```

For More Information Contact: SPEC info@spec.org http://www.spec.org/

-- Prepared By: --