SPEC CFP95 Results

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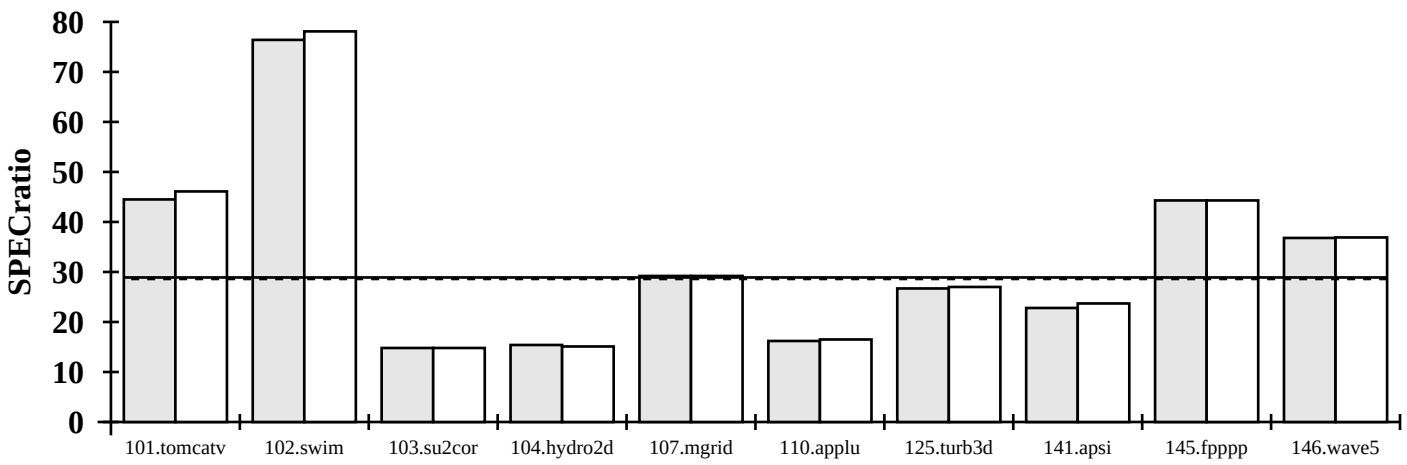
Intel Corporation
Intel VC820 motherboard

SPECfp95 = 28.9

SPECfp_base95 = 28.6

SPEC license # 14 | Tested By: Intel Corporation | Test Date: Dec-1999 | Hardware Avail: Dec-1999 | Software Avail: Feb-2000



Hardware/Software Configuration for:
Intel VC820 motherboard

Hardware

Model Name:	Intel VC820 motherboard
CPU:	800 MHz Pentium III processor
FPU:	Integrated
Number of CPU(s):	1
Primary Cache:	16KBI+16KBD
Secondary Cache:	256KB(I+D)
Other Cache:	None
Memory:	128 MB PC800 RDRAM non-ECC
Disk Subsystem:	IBM DJNA 371800 ATA-66
Other Hardware:	Diamond Multimedia Viper 770 Ultra TNT2 AGP

Software

Operating System:	Microsoft Windows NT 4.0(SVP 5.0)
Compiler:	Intel Fortran Compiler Plug-in V4.5
File System:	NTFS
System State:	Default

Benchmark # and Name	Reference Time	Base Run Time	Base SPEC Ratio	Run Time	SPEC Ratio
101.tomcatv	3700	83.1	44.5	80	46.1
102.swim	8600	112	76.4	110	78.1
103.su2cor	1400	94.8	14.8	94	14.8
104.hydro2d	2400	156	15.4	158	15.1
107.mgrid	2500	85.6	29.2	86	29.2
110.applu	2200	136	16.2	134	16.5
125.turb3d	4100	154	26.7	152	27.0
141.apsi	2100	92.3	22.8	89	23.7
145.fpppp	9600	217	44.3	217	44.3
146.wave5	3000	81.5	36.8	81	36.9
SPECfp_base95 (G. Mean)			28.6		
		SPECfp95 (G. Mean)			28.9

Notes/Tuning Information

```
+FDO: PASS1=-Qprof_gen -Qprof_dir c:/temp/IRCDB PASS2=-Qprof_use -Qprof_dir c:/temp/IRCDB
Base flags: -Qipo_wp -QaxK -O3 +FDO
-Qprof_dir is a location flag and not an optimization flag
Peak flags:
101: -QaxK -O3 -Qrcd -Qip -Qipo_wp -Qscalar_rep- +FDO
102: -QxK -O3 -Qpc 32 -Qipo_wp
103: -QxK -O3 -Qip -Qipo_wp
104: -QxK -O3 -Qip -Qscalar_rep- -Qipo_wp +FDO
107: -QaxK -O3 -Qip +FDO
110: -Qipo_wp +FDO
125: -QaxK -O3 -Qrcd -Qip -Qprefetch- +FDO
141: -QxK -O3 -Qip -Qprefetch-
145: -Qipo_wp -QaxK -O3 +FDO
146: -O3 -QxK -Qipo_wp -Qscalar_rep-
Tested systems can be used with Shin-G ATX case, Sparkle, Inc. ATX Power Supply
Product description located as of 11/99:
http://developer.intel.com/design/motherbd/vc/vc_ds.htm
Motherboard is available through Intel OEM Distribution Channel. See
http://www.intel.com/intel/contact/ for more information
The system bus runs at 133 MHz
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For more Information Contact: SPEC info@spec.org http://www.spec.org/

-- Prepared By: --