SPEC CFP95 Results

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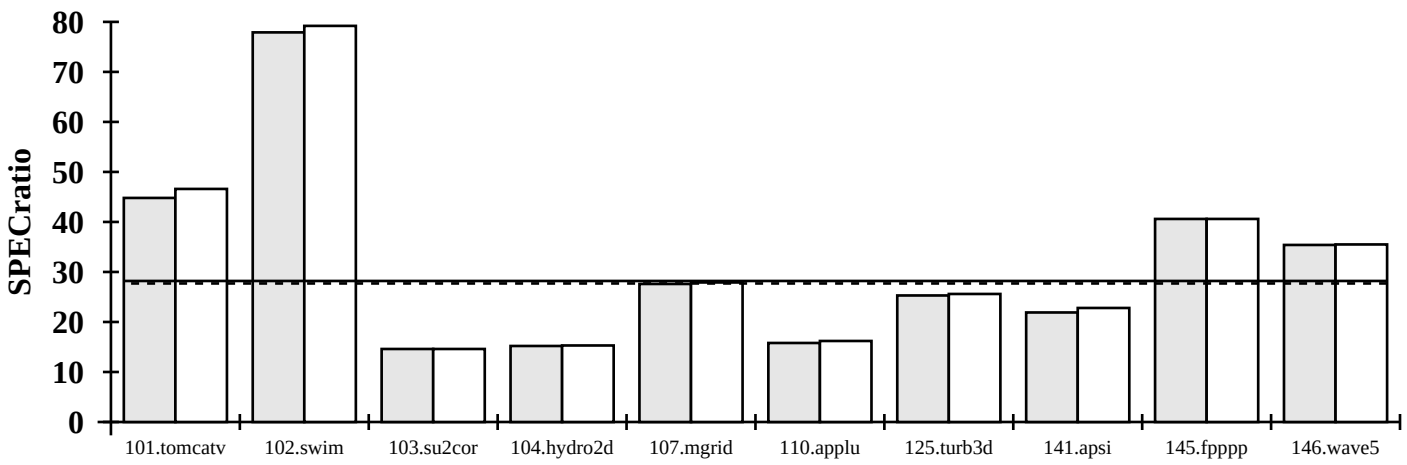
Intel Corporation
Intel VC820 motherboard

SPECfp95 = 28.2

SPECfp_base95 = 27.7

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



Hardware/Software Configuration for:
Intel VC820 motherboard

Hardware

Model Name:	Intel VC820 motherboard
CPU:	733 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	82.6	44.8	79	46.6
102.swim	8600	110	77.9	109	79.2
103.su2cor	1400	96.2	14.6	96	14.6
104.hydro2d	2400	158	15.2	157	15.3
107.mgrid	2500	90.4	27.6	89	27.9
110.applu	2200	140	15.8	135	16.2
125.turb3d	4100	162	25.3	160	25.6
141.apsi	2100	95.9	21.9	92	22.8
145.fpppp	9600	237	40.6	237	40.6
146.wave5	3000	84.8	35.4	85	35.5
SPECfp_base95 (G. Mean)			27.7		
		SPECfp95 (G. Mean)			28.2

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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