SPEC CINT95 Results

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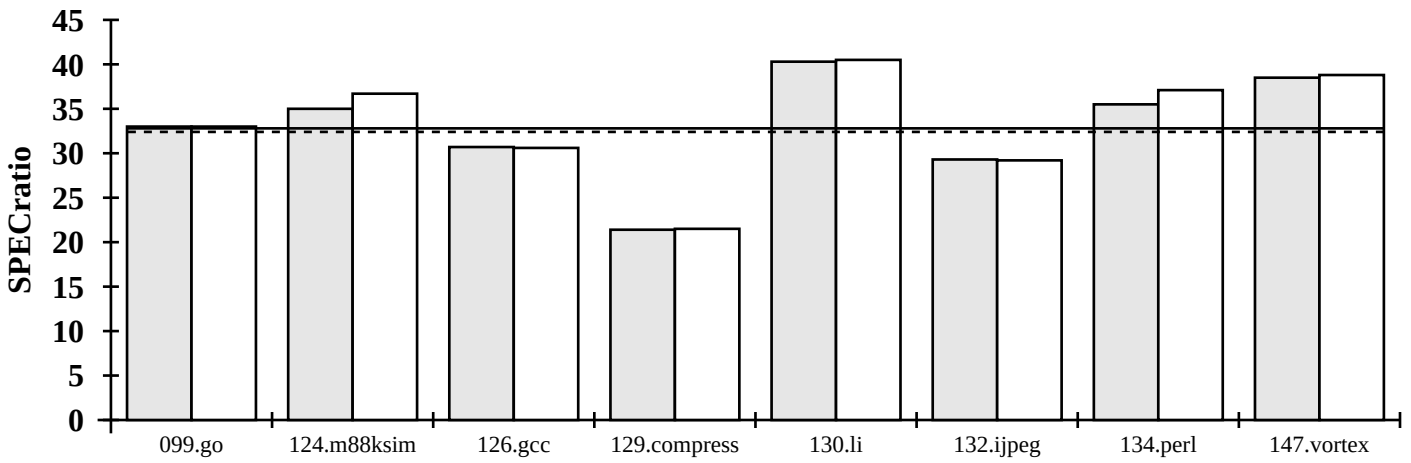
Intel Corporation
Intel VC820 motherboard

SPECint95 = 32.8

SPECint_base95 = 32.4

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:	667 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 C Compiler Plug-in V4.5 for Windows NT 4.0, Microsoft Visual C++ 6.0(for libraries)
File System:	NTFS
System State:	Default

Benchmark # and Name	Reference Time	Base Run Time	Base SPEC Ratio	Run Time	SPEC Ratio
099.go	4600	139	33.0	139	33.0
124.m88ksim	1900	54.2	35.0	52	36.7
126.gcc	1700	55.5	30.7	56	30.6
129.compress	1800	84.0	21.4	84	21.5
130.li	1900	47.2	40.3	47	40.5
132.ijpeg	2400	82.0	29.3	82	29.2
134.perl	1900	53.5	35.5	51	37.1
147.vortex	2700	70.1	38.5	70	38.8
SPECint_base95 (G. Mean)			32.4		
		SPECint95 (G. Mean)			32.8

Notes/Tuning Information

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+FDO: PASS1=-Qprof_gen -Qprof_dir c:/temp/IRCDB PASS2=-Qprof_use -Qprof_dir c:/temp/IRCDB
Base flags: -QxK -Qipo_wp +FDO shlW32M.lib
-Qprof_dir is a location flag and not an optimization flag
Peak flags:
099: -QxK -Qipo_wp -Qunroll0 -Oa +FDO shlW32M.lib
124: -QxK -Qipo -Oa +FDO shlW32M.lib
126: -QxK -Qipo_wp -Oa +FDO shlW32M.lib
129: -QxK -Qipo_wp +FDO shlW32M.lib
130: -QxK -Qipo_wp +FDO shlW32M.lib
132: -QxK -Qipo_wp +FDO shlW32M.lib
134: -QxK -Qipo -Qrcd +FDO shlW32M.lib
147: -QxK -Qipo_wp +FDO shlW32M.lib
shlW32M.lib is the SmartHeap library from Micro Quill www.microquill.com
Portability: 124:-DNT -DLEHOST
Portability: 126: -D__STDC__=0 -DONLY_INT_FIELDS=0 -Dalloca=_alloca -DDeleteFile=remove
Portability: 132: -DSYSV -DMSDOS
Portability: 134: -DMSDOS -DI_TIME
Microsoft Visual C++ 6.0 is also installed for libraries
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_pds.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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