SPEC CINT95rate Results

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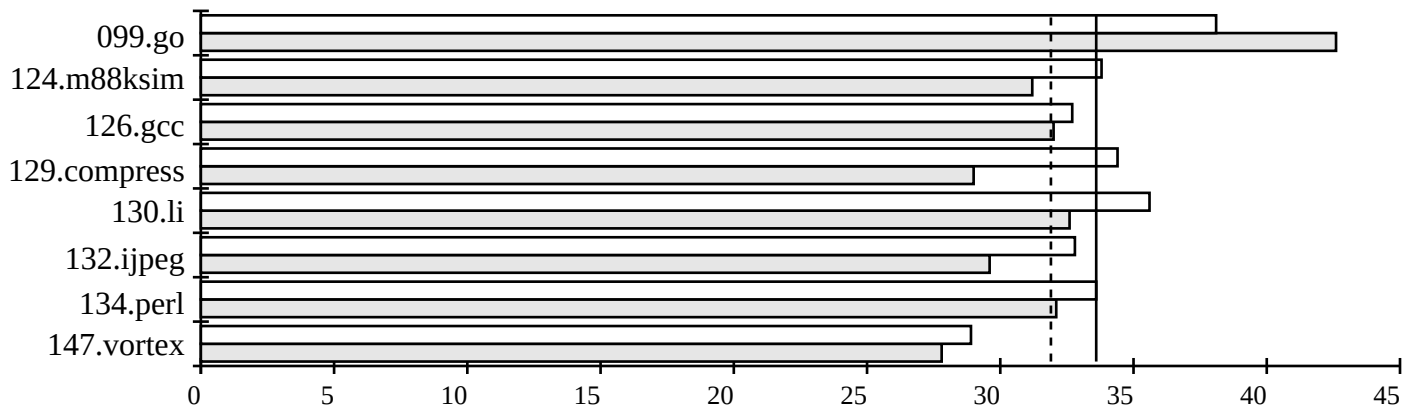
Hewlett-Packard
HP 9000 Model D310

SPECint_rate95	=	33.6
SPECint_rate_base95	=	31.9

SPEC license # 3	Tested By: HP Cupertino, CA	Test Date: Sep-95	Hardware Avail: Mar-95	Software Avail: Jul-96



Hardware/Software Configuration for:
HP 9000 Model D310

Hardware

Model Name:	HP 9000 Model D310
CPU:	100 MHz PA-RISC 7100LC
FPU:	Integrated
Number of CPU(s):	1
Primary Cache:	256KB(I+D) off-chip
Secondary Cache:	None
Other Cache:	None
Memory:	512MB
Disk Subsystem:	1 Fast/Wide SCSI-2 1.0 GB
Other Hardware:	None

Software

Operating System:	HP-UX B.10.20
Compiler:	HP92453-01 A.10.32.03 HP C Compiler
File System:	HP-UX
System State:	Multi-user

Benchmark # and Name	Base Copies	Base Run Time	Base SPEC Ratio	Copies	Run Time	SPEC Ratio
099.go	1	972	42.6	1	1085	38.1
124.m88ksim	1	548	31.2	1	506	33.8
126.gcc	1	477	32.0	1	468	32.7
129.compress	1	560	29.0	1	471	34.4
130.li	1	524	32.6	1	480	35.6
132.ijpeg	1	729	29.6	1	659	32.8
134.perl	1	533	32.1	1	509	33.6
147.vortex	1	875	27.8	1	842	28.9
SPECint_rate_base95 (G. Mean)			31.9			
SPECint_rate95 (G. Mean)						33.6

Notes/Tuning Information

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Portability Flags (base & peak): All: -Ae

Base Flags:
All: fastmem.o +Oall +I/+P
Linker Flag:  All: -Wl,-aarchive

Peak Flags:
All: +ESfic +ESlit +O4 +I/+P
099: +Oentrysched +Olibcalls +nofastaccess +Onolimit +Onoloop_unroll +Optrs_strongly_typed
124: +Oaggressive +Onoparmsoverlap +Optrs_strongly_typed
126: -DSPEC +Olibcalls +Onolimit
129: +Olibcalls +Onofltacc +Onolimit +Optrs_strongly_typed +Owhole_program_mode
130: -lm +ESsfc +Oentrysched +Olibcalls +Onolimit +Onoloop_unroll +Onoptrs_to_globals +Owhole_program_mode
132: +ESsfc +Olibcalls +Onolimit +Optrs_strongly_typed +Owhole_program_mode
134: fastmem.o -lm +Olibcalls +Onolimit +Owhole_program_mode
147: fastmem.o -lm +Oentrysched +Olibcalls +Onolimit +Onoloop_unroll +Optrs_strongly_typed
Linker Flag:  All: -Wl,-aarchive

Note: The +I/+P indicates the use of profile based optimization.
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