SPEC CINT95 Results

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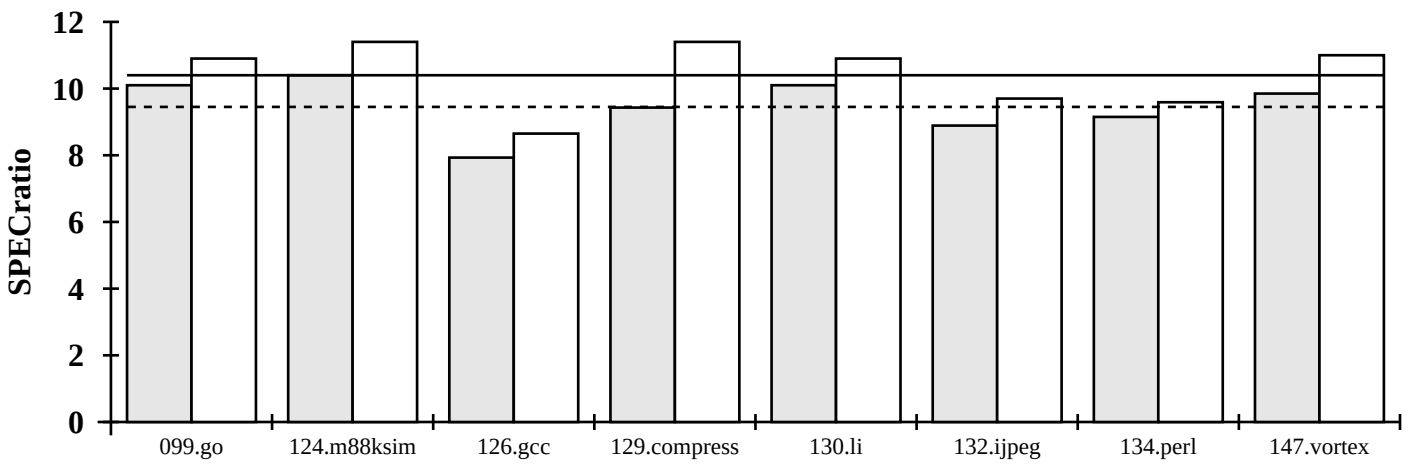
Hewlett-Packard
HP 9000 Model C160

SPECint95 = 10.4

SPECint_base95 = 9.45

SPEC license # 3	Tested By: HP Cupertino, CA	Test Date: Apr-96	Hardware Avail: Jun-96	Software Avail: Sep-96



Hardware/Software Configuration for:
HP 9000 Model C160

Hardware

Model Name:	HP 9000 Model C160
CPU:	160 MHz PA-RISC 8000
FPU:	Integrated
Number of CPU(s):	1
Primary Cache:	512KBI+512KBD off-chip
Secondary Cache:	None
Other Cache:	None
Memory:	128MB
Disk Subsystem:	1 Fast/Wide SCSI-2 1.0 GB
Other Hardware:	None

Software

Operating System:	HP-UX B.10.20 IC11A
Compiler:	HP C HP92453-01 D.10.01B5
File System:	HP-UX
System State:	Multi-user

Benchmark # and Name	Reference Time	Base Run Time	Base SPEC Ratio	Run Time	SPEC Ratio
099.go	4600	455	10.1	423	10.9
124.m88ksim	1900	183	10.4	166	11.4
126.gcc	1700	214	7.93	197	8.65
129.compress	1800	191	9.43	158	11.4
130.li	1900	189	10.1	175	10.9
132.ijpeg	2400	270	8.89	247	9.70
134.perl	1900	208	9.15	198	9.59
147.vortex	2700	274	9.85	245	11.0
SPECint_base95 (G. Mean)			9.45		
		SPECint95 (G. Mean)			10.4

Notes/Tuning Information

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

Base Flags:
All: /opt/langtools/lib/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 +Ostaticprediction
124: +Oaggressive +Onoparmsoverlap +Optrs_strongly_typed +Ostaticprediction
126: -DSPEC +Olibcalls +Onolimit +Ostaticprediction
129: +Odataprefetch +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 +Odataprefetch +Olibcalls +Onolimit +Optrs_strongly_typed +Owhole_program_mode
134: /opt/langtools/lib/fastmem.o -lm +Olibcalls +Onolimit +Owhole_program_mode
147: /opt/langtools/lib/fastmem.o -lm +Oentrysched +Olibcalls +Onolimit +Onoloop_unroll +Optrs_strongly_typed +Ostaticprediction
Linker Flag:  All: -Wl,-aarchive

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