SPEC CINT95 Results

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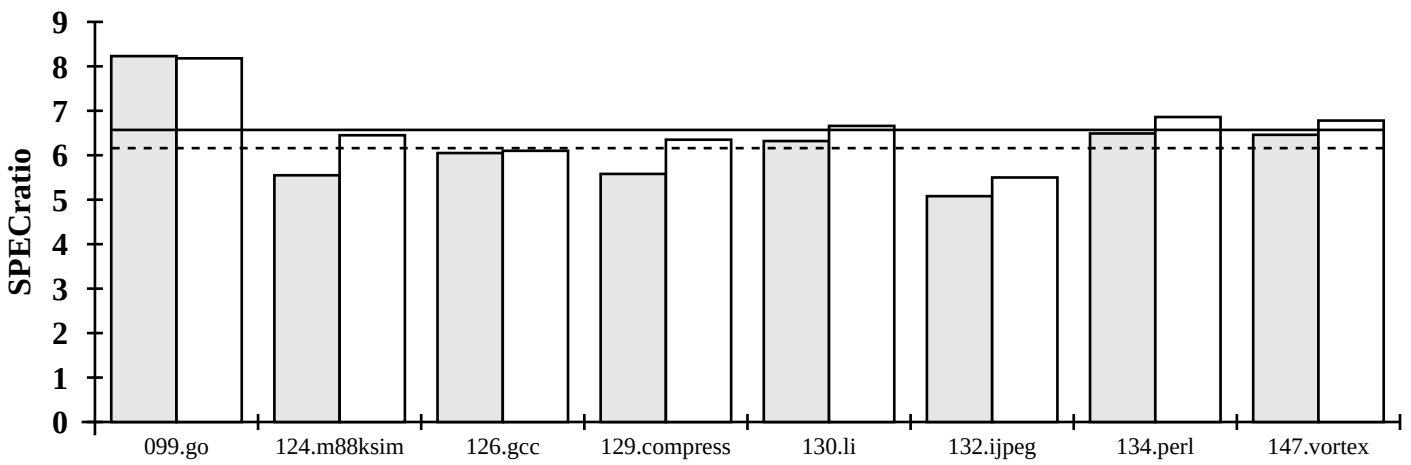
Hewlett-Packard
HP 9000 Model D220

SPECint95 = 6.57

SPECint_base95 = 6.16

SPEC license # 3	Tested By: HP Cupertino, CA	Test Date: Nov-96	Hardware Avail: Mar-97	Software Avail: Jul-96



Hardware/Software Configuration for:
HP 9000 Model D220

Hardware

Model Name:	HP 9000 Model D220
CPU:	132 MHz PA-RISC 7300LC
FPU:	Integrated
Number of CPU(s):	1
Primary Cache:	64KBI+64KD on-chip
Secondary Cache:	1MB(I+D) off-chip
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
Compiler:	HP92453-01 A.10.32.03 HP C Compiler
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	559	8.23	562	8.18
124.m88ksim	1900	342	5.55	294	6.45
126.gcc	1700	281	6.05	279	6.10
129.compress	1800	323	5.58	283	6.35
130.li	1900	301	6.32	285	6.66
132.ijpeg	2400	473	5.08	436	5.50
134.perl	1900	293	6.49	277	6.86
147.vortex	2700	418	6.46	398	6.78
SPECint_base95 (G. Mean)			6.16		
		SPECint95 (G. Mean)			6.57

Notes/Tuning Information

```
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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