SPEC CINT95 Results

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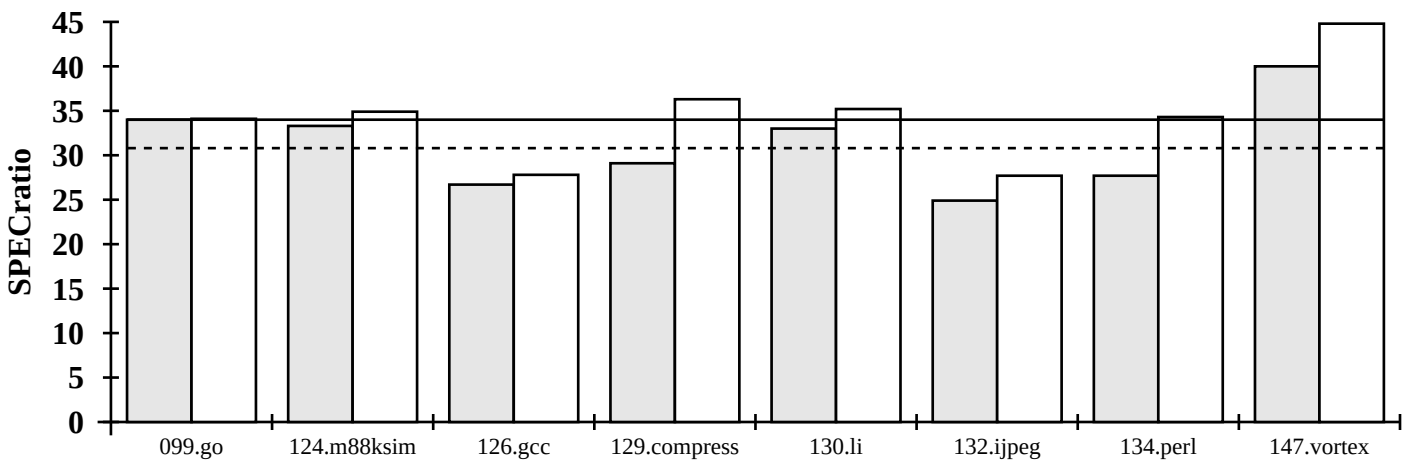
Hewlett-Packard
HP 9000 Model N4000

SPECint95 = 34.0

SPECint_base95 = 30.8

SPEC license # 3	Tested By: HP Richardson, TX	Test Date: Apr-99	Hardware Avail: Aug-99	Software Avail: May-99



Hardware/Software Configuration for:
HP 9000 Model N4000

Hardware

Model Name:	HP 9000 Model N4000
CPU:	440 MHz PA-RISC 8500
FPU:	Integrated
Number of CPU(s):	1
Primary Cache:	512KBI+1MBD
Secondary Cache:	None
Other Cache:	None
Memory:	8GB
Disk Subsystem:	2 9GB Ultra-SCSI 7200 rpm
Other Hardware:	None

Software

Operating System:	HP-UX B.11.00
Compiler:	HP92453-01 A.11.01.00 HP C Compiler
File System:	HP-UX VxFS
System State:	Multi-user

Benchmark # and Name	Reference Time	Base Run Time	Base SPEC Ratio	Run Time	SPEC Ratio
099.go	4600	135	34.0	135	34.1
124.m88ksim	1900	57.0	33.3	54	34.9
126.gcc	1700	63.7	26.7	61	27.8
129.compress	1800	61.8	29.1	50	36.3
130.li	1900	57.5	33.0	54	35.2
132.ijpeg	2400	96.5	24.9	87	27.7
134.perl	1900	68.6	27.7	55	34.3
147.vortex	2700	67.6	40.0	60	44.8
SPECint_base95 (G. Mean)			30.8		
		SPECint95 (G. Mean)			34.0

Notes/Tuning Information

```
Portability flag: -Ae

Base flags:
All: fastmem.o +Oall +I/+P +Ostaticprediction

Peak flags:
All:  +ESfic +ESlit +I/+P +Ostaticprediction
Linker Flag: -Wl,-aarchive
099: +O4 +Oentrysched +Olibcalls +Onolimit +Onoloopunroll +Optrs_strongly_typed fastmem.o
124: +Oall +Onoparmsoverlap +Optrs_strongly_typed
126: +O4 +Odataprefetch +Olibcalls +Onolimit +Optrs_ansi -DSPEC fastmem.o
129: +Oall +Odataprefetch +Optrs_strongly_typed +Owhole_program_mode
130: +ESsfc +Oall +Oinline_budget=400 +Onoptrs_to_globals +Owhole_program_mode -lm
132: +ESsfc +Oall +Odataprefetch +Optrs_strongly_typed +Owhole_program_mode
134: +ESsfc +O4 -Ac +Oinline_budget=70 +Olibcalls +Onolimit +Owhole_program_mode -lm fastmem.o
147: +Oall +Oinline_budget=800 +Optrs_strongly_typed -lm fastmem.o
Note: +I/+P indicates use of profile-based optimization
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