SPEC CINT95rate Results

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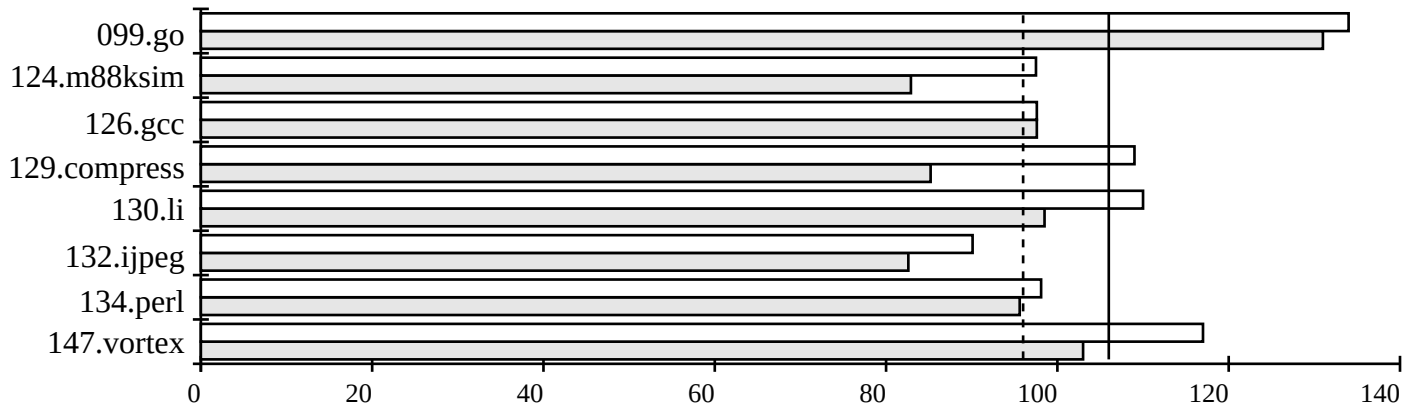
Hewlett-Packard
HP 9000 Model K410 2-CPU

SPECint_rate95 = 106

SPECint_rate_base95 = 96.0

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



Hardware/Software Configuration for:
HP 9000 Model K410 2-CPU

Hardware

Model Name:	HP 9000 Model K410 2-CPU
CPU:	120 MHz PA-RISC 7200
FPU:	Integrated
Number of CPU(s):	2
Primary Cache:	256KBI+256KBD 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:	HP C HP92453-01 A.10.32.03
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	2	631	131	2	618	134
124.m88ksim	2	412	82.9	2	351	97.5
126.gcc	2	314	97.6	2	314	97.6
129.compress	2	380	85.2	2	297	109
130.li	2	347	98.5	2	311	110
132.ijpeg	2	523	82.6	2	479	90.1
134.perl	2	358	95.6	2	349	98.1
147.vortex	2	474	103	2	417	117
SPECint_rate_base95 (G. Mean)			96.0			
SPECint_rate95 (G. Mean)						106

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 +Onofastaccess +Onolimit +Onoloop_unroll +Optrs_strongly_typed +Ostaticprediction
124: +Oaggressive +Onoparmsoverlap +Optrs_strongly_typed +Ostaticprediction
126: -DSPEC +Olibcalls +Onolimit +Ostaticprediction
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 +Ostaticprediction
+Ofltacc +Owhole_program_mode +DC7200
Linker Flag:  All: -Wl,-aarchive

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