SPEC CINT95rate Results

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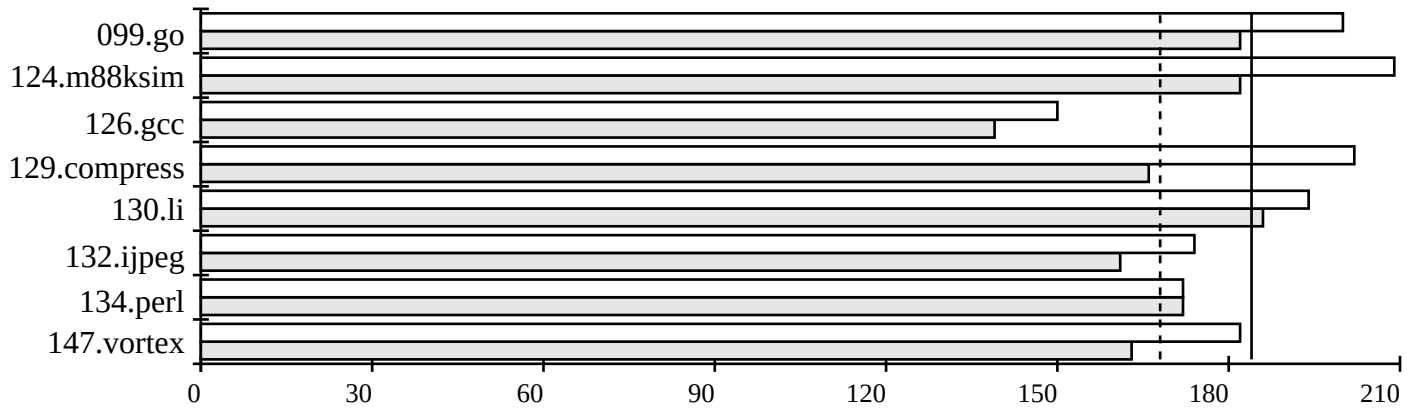
Hewlett-Packard
HP 9000 Model D370 2-CPU

SPECint_rate95 = 184

SPECint_rate_base95 = 168

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



Hardware/Software Configuration for:
HP 9000 Model D370 2-CPU

Hardware

Model Name:	HP 9000 Model D370 2-CPU
CPU:	160 MHz PA-RISC 8000
FPU:	Integrated
Number of CPU(s):	2
Primary Cache:	512KBI+512KBD off-chip
Secondary Cache:	None
Other Cache:	None
Memory:	768MB
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	2	455	182	2	414	200
124.m88ksim	2	188	182	2	164	209
126.gcc	2	220	139	2	204	150
129.compress	2	195	166	2	160	202
130.li	2	184	186	2	176	194
132.ijpeg	2	268	161	2	249	174
134.perl	2	199	172	2	199	172
147.vortex	2	298	163	2	267	182
SPECint_rate_base95 (G. Mean)			168			
			SPECint_rate95 (G. Mean)			184

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 +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: fastmem.o -lm +Olibcalls +Onolimit +Owhole_program_mode
147: 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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