SPEC CINT95rate Results

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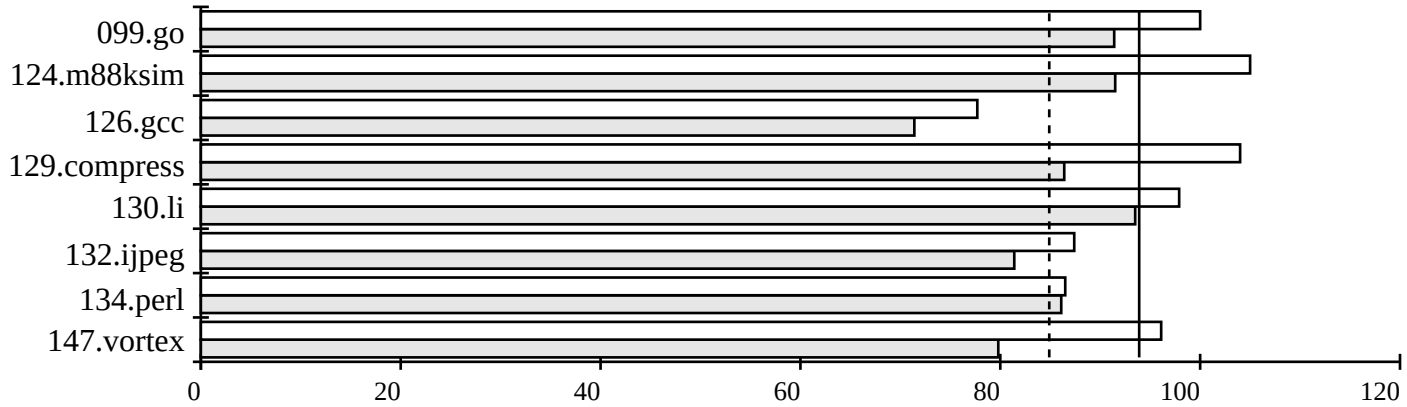
Hewlett-Packard
HP 9000 Model D270

SPECint_rate95	=	93.9
SPECint_rate_base95	=	84.9

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 D270

Hardware

Model Name:	HP 9000 Model D270
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:	512MB
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	1	453	91.4	1	412	100
124.m88ksim	1	187	91.5	1	163	105
126.gcc	1	214	71.4	1	197	77.7
129.compress	1	187	86.4	1	157	104
130.li	1	183	93.5	1	175	97.9
132.ijpeg	1	265	81.4	1	247	87.4
134.perl	1	199	86.1	1	198	86.5
147.vortex	1	304	79.8	1	253	96.1
SPECint_rate_base95 (G. Mean)			84.9			
SPECint_rate95 (G. Mean)						93.9

Notes/Tuning Information

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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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