SPEC CINT95rate Results

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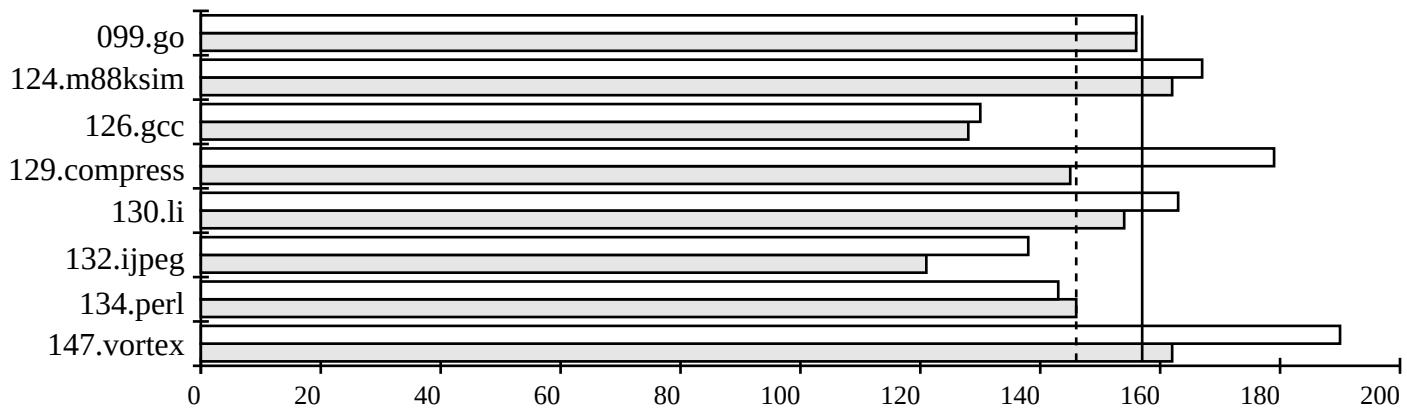
Hewlett-Packard
HP 9000 Model J2240

SPECint_rate95 = 157

SPECint_rate_base95 = 146

SPEC license # 3	Tested By: HP Fort Collins, CO	Test Date: Dec-97	Hardware Avail: Mar-98	Software Avail: Mar-97



Hardware/Software Configuration for:
HP 9000 Model J2240

Hardware

Model Name:	HP 9000 Model J2240
CPU:	236 MHz PA-8200
FPU:	Integrated
Number of CPU(s):	1
Primary Cache:	2MBI+2MBD off-chip
Secondary Cache:	None
Other Cache:	None
Memory:	2GB
Disk Subsystem:	1 Ultra SCSI 4.0GB
Other Hardware:	None

Software

Operating System:	HP-UX B.10.20
Compiler:	HP92453-01 G.10.32.08 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	265	156	1	265	156
124.m88ksim	1	106	162	1	103	167
126.gcc	1	119	128	1	118	130
129.compress	1	111	145	1	90	179
130.li	1	111	154	1	105	163
132.ijpeg	1	179	121	1	157	138
134.perl	1	117	146	1	119	143
147.vortex	1	150	162	1	128	190
SPECint_rate_base95 (G. Mean)			146			
				SPECint_rate95 (G. Mean)		157

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:
099: peak= base
All others: +ESfic +ESlit +O4 +I/+P
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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-- Prepared By: --