SPEC CINT95rate Results

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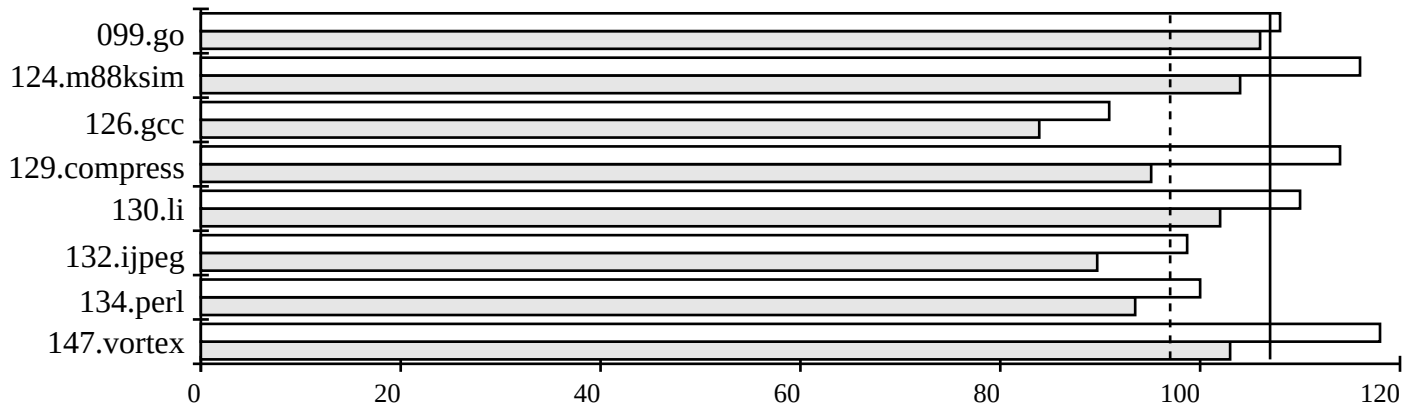
Hewlett-Packard
HP 9000 Model K460

SPECint_rate95 = 107

SPECint_rate_base95 = 97.0

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



Hardware/Software Configuration for:
HP 9000 Model K460

Hardware

Model Name:	HP 9000 Model K460
CPU:	180 MHz PA-RISC 8000
FPU:	Integrated
Number of CPU(s):	1
Primary Cache:	1MBI+1MBD off-chip
Secondary Cache:	None
Other Cache:	None
Memory:	512MB
Disk Subsystem:	1 Fast/Wide SCSI-2 1.0 GB
Other Hardware:	Ethernet

Software

Operating System:	HP-UX B.10.20 IC8
Compiler:	HP C HP92453-01 D.10.01B5
File System:	HP-UX
System State:	Single-user

Benchmark # and Name	Base Copies	Base Run Time	Base SPEC Ratio	Copies	Run Time	SPEC Ratio
099.go	1	390	106	1	382	108
124.m88ksim	1	164	104	1	147	116
126.gcc	1	182	83.9	1	168	90.9
129.compress	1	170	95.1	1	142	114
130.li	1	167	102	1	155	110
132.ijpeg	1	241	89.7	1	219	98.7
134.perl	1	183	93.5	1	171	100
147.vortex	1	235	103	1	207	118
SPECint_rate_base95 (G. Mean)			97.0			
			SPECint_rate95 (G. Mean)			107

Notes/Tuning Information

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Portability Flags (base & peak) all benchmarks: -Ae
Library Flags (base & peak) all benchmarks: -Wl, -aarchive

Base: fastmem.o +Oall +I/+P

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

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