SPEC CINT95rate Results

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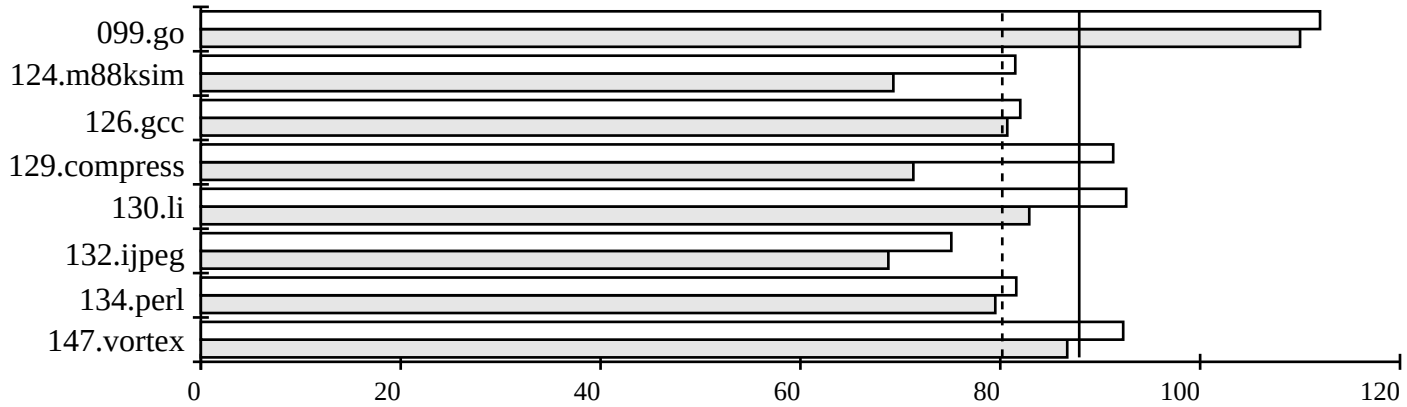
Hewlett-Packard
HP 9000 Model K400 2-CPU

SPECint_rate95 = 87.9

SPECint_rate_base95 = 80.2

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



Hardware/Software Configuration for:
HP 9000 Model K400 2-CPU

Hardware

Model Name:	HP 9000 Model K400 2-CPU
CPU:	100 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:	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	756	110	2	741	112
124.m88ksim	2	494	69.3	2	419	81.5
126.gcc	2	379	80.7	2	373	82.0
129.compress	2	454	71.3	2	355	91.3
130.li	2	412	82.9	2	369	92.6
132.ijpeg	2	628	68.8	2	575	75.1
134.perl	2	430	79.5	2	419	81.6
147.vortex	2	560	86.7	2	527	92.3
SPECint_rate_base95 (G. Mean)			80.2			
SPECint_rate95 (G. Mean)						87.9

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 +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
Linker Flag:  All: -Wl,-aarchive

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