SPEC CINT95rate Results

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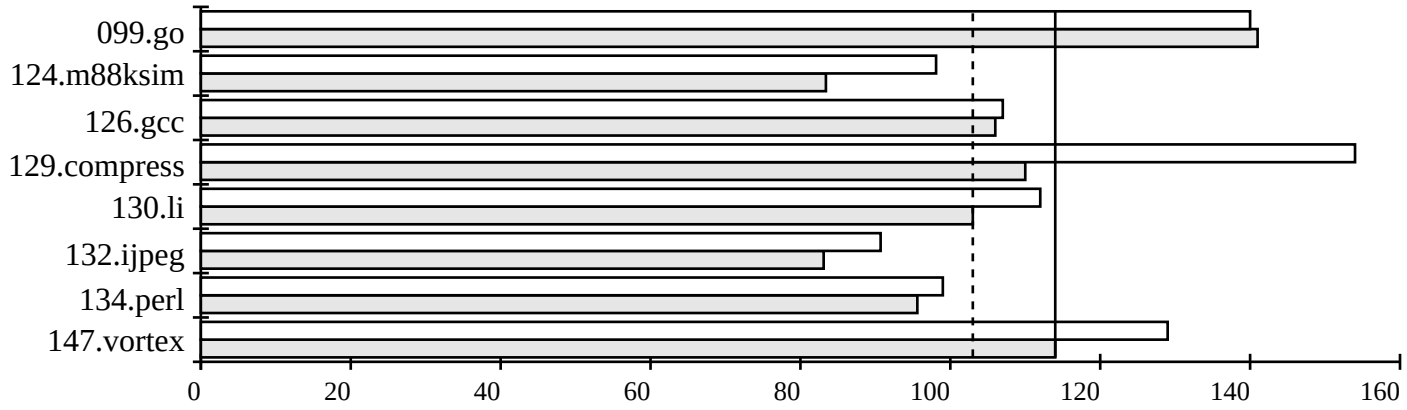
Hewlett-Packard
HP 9000 Model K420 2-CPU

SPECint_rate95 = 114

SPECint_rate_base95 = 103

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



Hardware/Software Configuration for:
HP 9000 Model K420 2-CPU

Hardware

Model Name:	HP 9000 Model K420 2-CPU
CPU:	120 MHz PA-RISC 7200
FPU:	Integrated
Number of CPU(s):	2
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:	None

Software

Operating System:	HP-UX B.10.20
Compiler:	HP C HP92453-01 A.10.32.03
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	587	141	2	590	140
124.m88ksim	2	410	83.4	2	349	98.1
126.gcc	2	288	106	2	285	107
129.compress	2	296	110	2	211	154
130.li	2	333	103	2	306	112
132.ijpeg	2	520	83.1	2	476	90.7
134.perl	2	358	95.6	2	345	99.0
147.vortex	2	426	114	2	377	129
SPECint_rate_base95 (G. Mean)			103			
			SPECint_rate95 (G. Mean)			114

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 +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
+Ofltacc +Owhole_program_mode +DC7200
Linker Flag:  All: -Wl,-aarchive

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