SPEC CINT95rate Results

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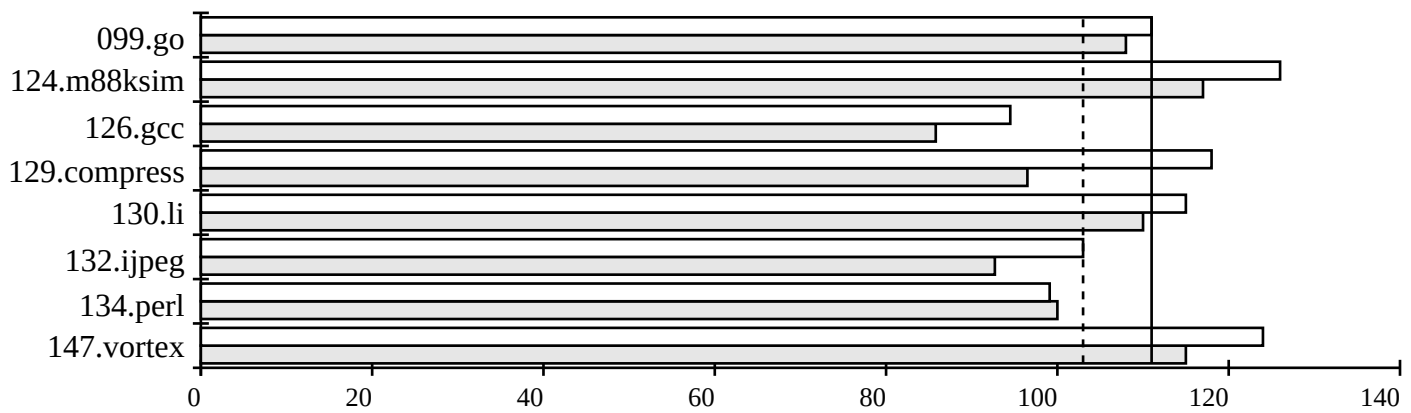
Hewlett-Packard
HP 9000 Model J280

SPECint_rate95 = 111

SPECint_rate_base95 = 103

SPEC license # 3	Tested By: HP Cupertino, CA	Test Date: Apr-97	Hardware Avail: Jun-96	Software Avail: Jul-97



Hardware/Software Configuration for:
HP 9000 Model J280

Hardware

Model Name:	HP 9000 Model J280
CPU:	180 MHz PA-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 2.0 GB
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	384	108	1	374	111
124.m88ksim	1	146	117	1	136	126
126.gcc	1	178	85.8	1	162	94.5
129.compress	1	168	96.5	1	137	118
130.li	1	155	110	1	149	115
132.ijpeg	1	233	92.7	1	209	103
134.perl	1	171	100	1	173	99.1
147.vortex	1	211	115	1	196	124

SPECint_rate_base95 (G. Mean) 103

SPECint_rate95 (G. Mean) 111

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: +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;  Scheduling: +DA2.0N +DS2.0A

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