SPEC CINT95rate Results

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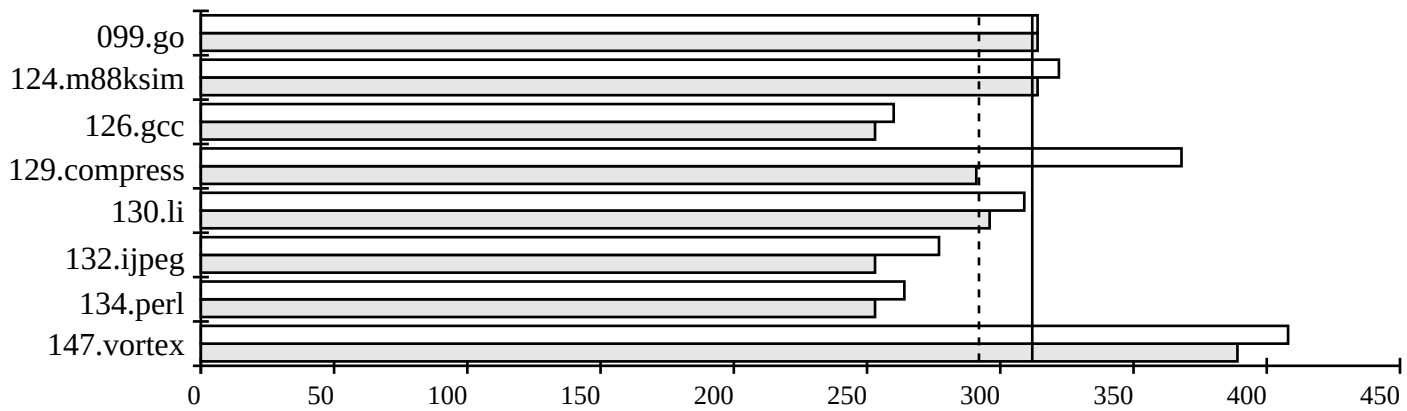
Hewlett-Packard
HP 9000 Model K580 2-CPU

SPECint_rate95 = 312

SPECint_rate_base95 = 292

SPEC license # 3	Tested By: HP Cupertino, CA	Test Date: Jan-98	Hardware Avail: Nov-97	Software Avail: Sep-97



Hardware/Software Configuration for:
HP 9000 Model K580 2-CPU

Hardware

Model Name:	HP 9000 Model K580 2-CPU
CPU:	240MHz PA-RISC 8200
FPU:	Integrated
Number of CPU(s):	2
Primary Cache:	2MBI+2MBD off-chip
Secondary Cache:	None
Other Cache:	None
Memory:	4GB
Disk Subsystem:	2 FWD SCSI 2.0GB
Other Hardware:	None

Software

Operating System:	HP-UX B.11.00
Compiler:	HP92453-01 A.11.00.01
File System:	HFS
System State:	Multi-user

Benchmark # and Name	Base Copies	Base Run Time	Base SPEC Ratio	Copies	Run Time	SPEC Ratio
099.go	2	264	314	2	264	314
124.m88ksim	2	109	314	2	106	322
126.gcc	2	121	253	2	118	260
129.compress	2	111	291	2	88	368
130.li	2	116	296	2	111	309
132.ijpeg	2	171	253	2	156	277
134.perl	2	135	253	2	129	264
147.vortex	2	125	389	2	119	408
SPECint_rate_base95 (G. Mean)			292			
			SPECint_rate95 (G. Mean)			312

Notes/Tuning Information

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Portability Flags (base & peak): All: -Ae

Base Flags:
All: +Oall +I/+P
Linker Flag:  All: -Wl,-aarchive

Peak Flags:
All: +ESlit +O4 +I/+P (except 099)
099: +Oall
124: +ESfic +Oaggressive +Onoparmsoverlap +Optrs_strongly_typed
126: -DSPEC +Olibcalls +Onolimit +Ostaticprediction +Optrs_ansi
129: +Odataprefetch +Olibcalls +Onofltacc +Onolimit +Optrs_strongly_typed +Owhole_program_mode
130: -lm +ESfic +ESsfc +Oentrysched +Olibcalls +Onolimit +Onoloop_unroll +Onoptrs_to_globals +Owhole_program_mode
132: +ESfic +ESsfc +Odataprefetch +Olibcalls +Onolimit +Owhole_program_mode
134: -lm +Olibcalls +Onolimit +Owhole_program_mode +Odataprefetch
147: -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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