SPEC CINT95rate Results

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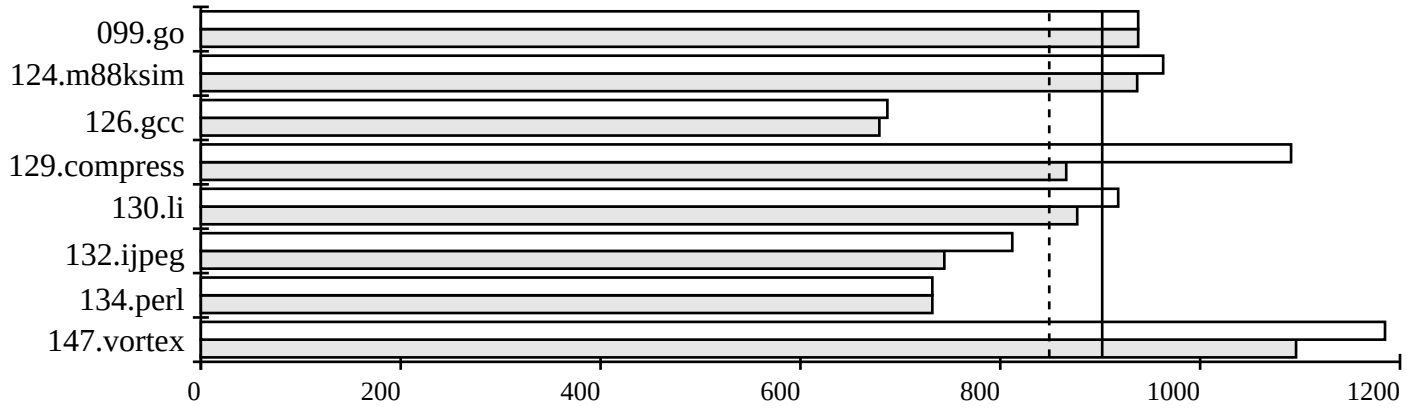
Hewlett-Packard
HP 9000 Model K580 6-CPU

SPECint_rate95 = 902

SPECint_rate_base95 = 849

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 6-CPU

Hardware

Model Name:	HP 9000 Model K580 6-CPU
CPU:	240MHz PA-RISC 8200
FPU:	Integrated
Number of CPU(s):	6
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	6	265	938	6	265	938
124.m88ksim	6	110	937	6	107	963
126.gcc	6	135	679	6	134	687
129.compress	6	112	866	6	89	1091
130.li	6	117	877	6	112	918
132.ijpeg	6	174	744	6	160	812
134.perl	6	140	732	6	140	732
147.vortex	6	133	1096	6	123	1185
SPECint_rate_base95 (G. Mean)			849			
			SPECint_rate95 (G. Mean)			902

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 & 134)
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: +Oall
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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