SPEC CINT95rate Results

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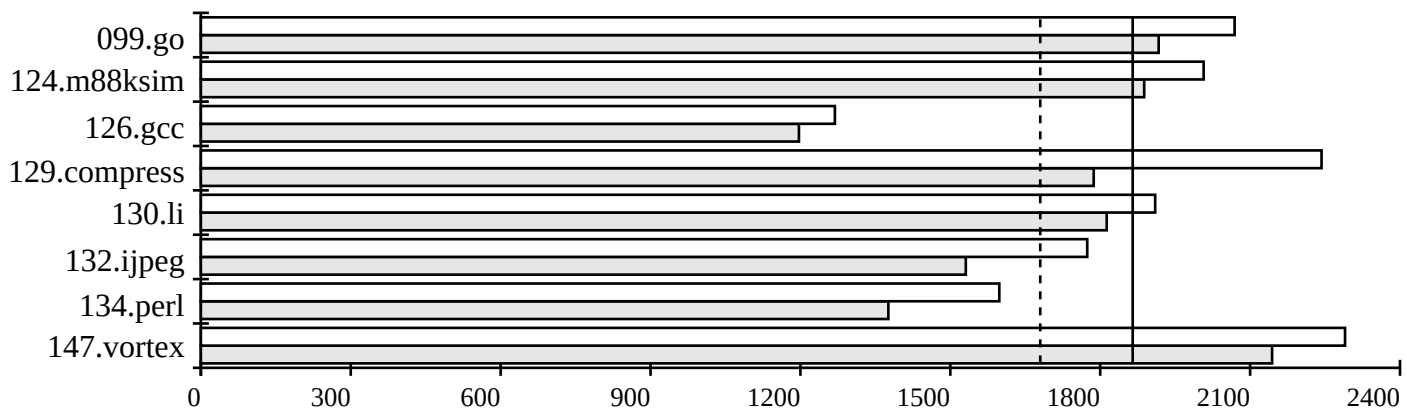
Hewlett-Packard
HP 9000 Model V2200 16-CPU

SPECint_rate95 = 1865

SPECint_rate_base95 = 1680

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



Hardware/Software Configuration for:
HP 9000 Model V2200 16-CPU

Hardware

Model Name:	HP 9000 Model V2200 16-CPU
CPU:	200MHz PA-RISC 8200
FPU:	Integrated
Number of CPU(s):	16
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	16	346	1917	16	320	2069
124.m88ksim	16	145	1888	16	136	2007
126.gcc	16	204	1197	16	193	1269
129.compress	16	145	1787	16	116	2243
130.li	16	151	1813	16	143	1910
132.ijpeg	16	226	1531	16	195	1774
134.perl	16	199	1376	16	171	1598
147.vortex	16	181	2144	16	170	2290
SPECint_rate_base95 (G. Mean)			1680			
			SPECint_rate95 (G. Mean)			1865

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 +nofastaccess +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 +Odataprefetch
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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