SPEC CINT95rate Results

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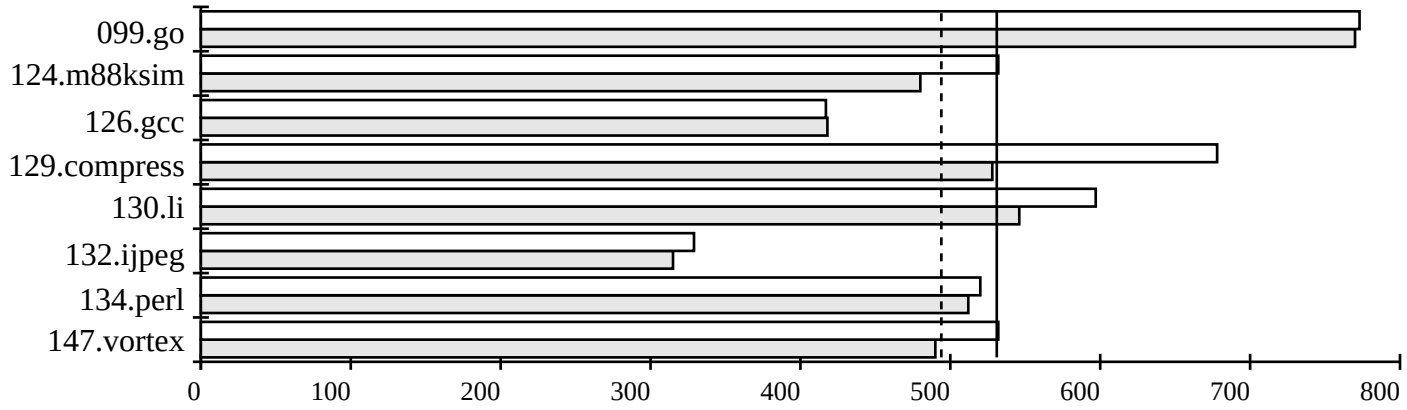
Hewlett-Packard
HP 9000 Model T520 12-CPU

SPECint_rate95 = 531

SPECint_rate_base95 = 494

SPEC license # 3	Tested By: HP Cupertino, CA	Test Date: Aug-96	Hardware Avail: Mar-95	Software Avail: Sep-96



Hardware/Software Configuration for:
HP 9000 Model T520 12-CPU

Hardware

Model Name:	HP 9000 Model T520 12-CPU
CPU:	120 MHz PA-RISC 7150
FPU:	Integrated
Number of CPU(s):	12
Primary Cache:	1MBI+1MBD off-chip
Secondary Cache:	None
Other Cache:	None
Memory:	2GB
Disk Subsystem:	1 Fast/Wide SCSI-2 1.0 GB
Other Hardware:	None

Software

Operating System:	HP-UX B.10.20
Compiler:	HP92453-01 A.10.32.03 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	12	645	770	12	643	773
124.m88ksim	12	428	480	12	386	532
126.gcc	12	439	418	12	440	417
129.compress	12	368	528	12	287	678
130.li	12	376	546	12	344	597
132.ijpeg	12	824	315	12	787	329
134.perl	12	401	512	12	394	520
147.vortex	12	595	490	12	548	532
SPECint_rate_base95 (G. Mean)			494			
			SPECint_rate95 (G. Mean)			531

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: +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
Linker Flag:  All: -Wl,-aarchive

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