SPEC CINT95rate Results

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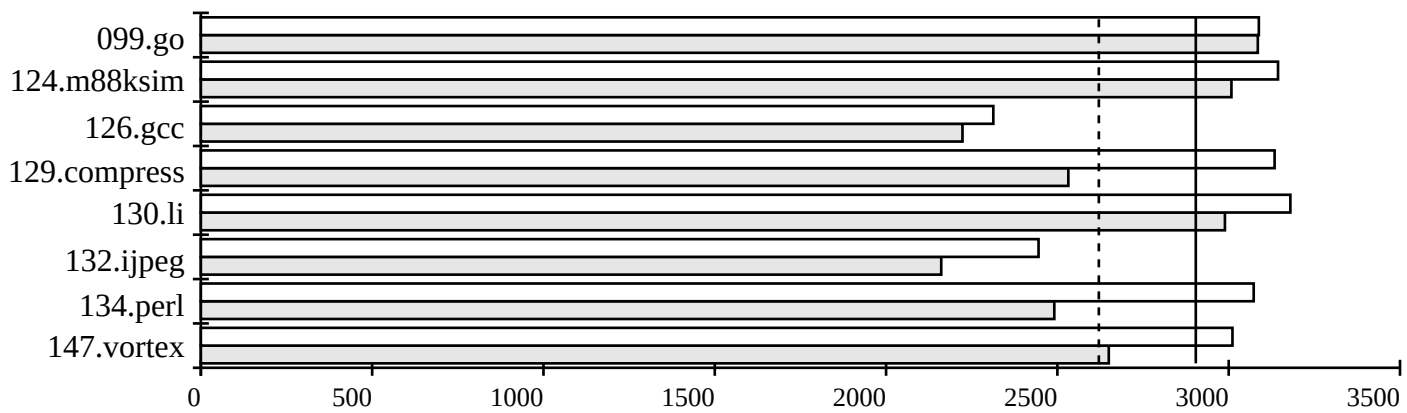
Hewlett-Packard
HP 9000 Model N4000

SPECint_rate95 = 2904

SPECint_rate_base95 = 2621

SPEC license # 3	Tested By: HP Richardson, TX	Test Date: Jan-2000	Hardware Avail: Apr-2000	Software Avail: Apr-2000



Hardware/Software Configuration for:
HP 9000 Model N4000

Hardware

Model Name:	HP 9000 Model N4000
CPU:	552 MHz PA-RISC 8600
FPU:	Integrated
Number of CPU(s):	8
Primary Cache:	512KBI+1MBD
Secondary Cache:	None
Other Cache:	None
Memory:	8GB
Disk Subsystem:	1x9GB
Other Hardware:	None

Software

Operating System:	HP-UX B.11.00 U 9000/800 74565 unlimited-user
Compiler:	HP92453-01 A.11.01.00 HP C Compiler
File System:	HP-UX VxFS
System State:	Multi-user

Benchmark # and Name	Base Copies	Base Run Time	Base SPEC Ratio	Copies	Run Time	SPEC Ratio
099.go	8	107	3085	8	107	3088
124.m88ksim	8	45.5	3008	8	44	3144
126.gcc	8	55.1	2223	8	53	2313
129.compress	8	51.2	2532	8	41	3134
130.li	8	45.8	2989	8	43	3180
132.ijpeg	8	80.0	2161	8	71	2445
134.perl	8	54.9	2491	8	45	3073
147.vortex	8	73.4	2650	8	65	3011
SPECint_rate_base95 (G. Mean)			2621			
SPECint_rate95 (G. Mean)						2904

Notes/Tuning Information

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Portability flag: -Ae

Base flags:
All: fastmem.o +Oall +I/+P +Ostaticprediction

Peak flags:
All:  +ESfic +ESlit +I/+P +Ostaticprediction
Linker Flag: -Wl,-aarchive
099: +O4 +Oentrysched +Olibcalls +Onolimit +Onoloopunroll +Optrs_strongly_typed fastmem.o
124: +Oall +Onoparmsoverlap +Optrs_strongly_typed
126: +O4 +Odataprefetch +Olibcalls +Onolimit +Optrs_ansi -DSPEC fastmem.o
129: +Oall +Odataprefetch +Optrs_strongly_typed +Owhole_program_mode
130: +ESsfc +Oall +Oinline_budget=400 +Onoptrs_to_globals +Owhole_program_mode -lm
132: +ESsfc +Oall +Odataprefetch +Optrs_strongly_typed +Owhole_program_mode
134: +ESsfc +O4 -Ac +Oinline_budget=70 +Olibcalls +Onolimit +Owhole_program_mode -lm fastmem.o
147: +Oall +Oinline_budget=800 +Optrs_strongly_typed -lm fastmem.o
Note: +I/+P indicates use of profile-based optimization
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For More Information Contact: SPEC info@spec.org http://www.spec.org/