SPEC CINT95rate Results

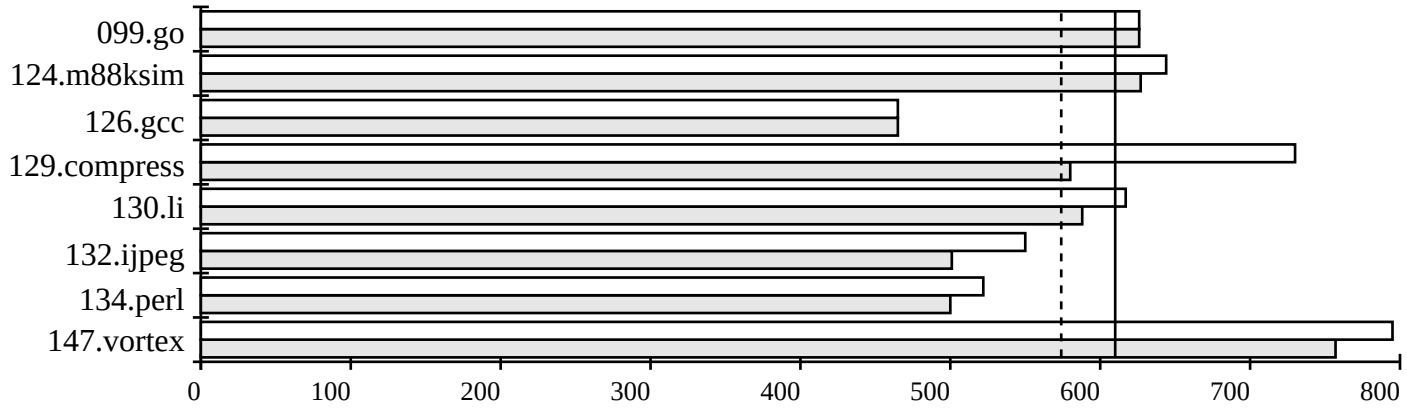
©Copyright 1995, Standard Performance Evaluation Corporation

Hewlett-Packard
HP 9000 Model K580 4-CPU

SPECint_rate95 = 610

SPECint_rate_base95 = 574

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 4-CPU

Hardware

Model Name:	HP 9000 Model K580 4-CPU
CPU:	240MHz PA-RISC 8200
FPU:	Integrated
Number of CPU(s):	4
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	4	264	626	4	264	626
124.m88ksim	4	109	627	4	106	644
126.gcc	4	132	465	4	132	465
129.compress	4	112	580	4	89	730
130.li	4	116	588	4	111	617
132.ijpeg	4	173	501	4	157	550
134.perl	4	137	500	4	131	522
147.vortex	4	128	757	4	122	795
SPECint_rate_base95 (G. Mean)			574			
			SPECint_rate95 (G. Mean)			610

Notes/Tuning Information

```
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 & 126)
099: +Oall
124: +ESfic +Oaggressive +Onoparmsoverlap +Optrs_strongly_typed
126: +Oall
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.
```

For More Information Contact:
SPEC
10754 Ambassador Drive, Suite 201
Manassas, VA 20109
(703) 331-0180
info@specbench.org
http://www.specbench.org/