SPEC CINT95 Results

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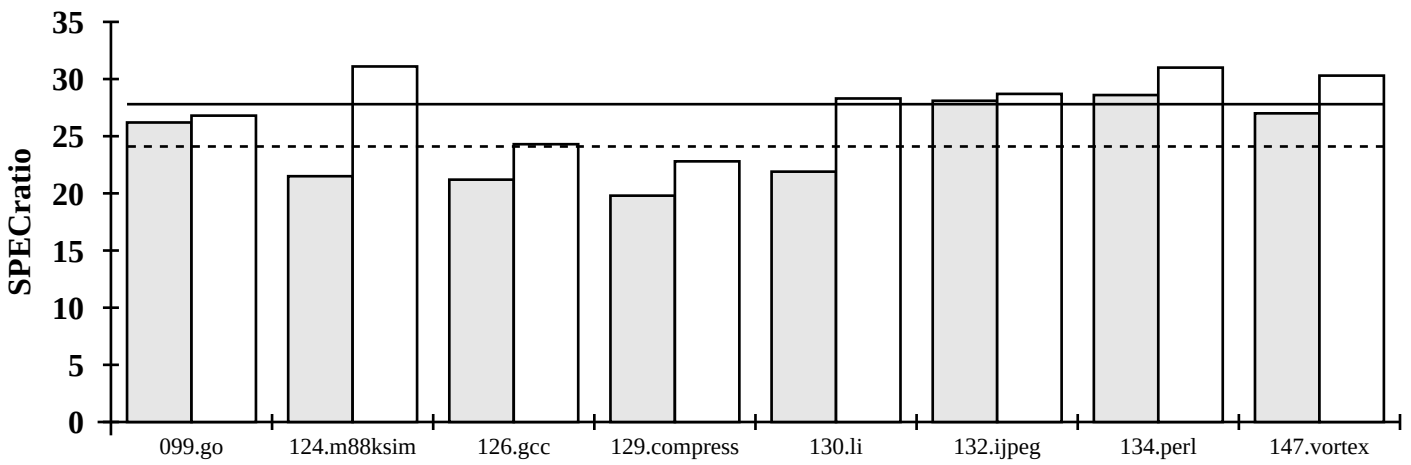
Compaq Computer Corporation
Compaq AlphaServer GS60 6/525

SPECint95 = 27.8

SPECint_base95 = 24.1

SPEC license # 2	Tested By: Digital NH	Test Date: Sep-98	Hardware Avail: Nov-98	Software Avail: Oct-98



Hardware/Software Configuration for:
Compaq AlphaServer GS60 6/525

Hardware

Model Name:	Compaq AlphaServer GS60 6/525
CPU:	525 MHz 21264
FPU:	Integrated
Number of CPU(s):	1
Primary Cache:	64KB(I)+64KB(D) on chip
Secondary Cache:	4MB
Other Cache:	none
Memory:	8GB (2x4GB)
Disk Subsystem:	3x4GB
Other Hardware:	Ethernet

Software

Operating System:	Digital UNIX X4.0E-7
Compiler:	DEC C V6.0-007-4088L protect_headers_setup.sh
File System:	UFS
System State:	Multi User

Benchmark # and Name	Reference Time	Base Run Time	Base SPEC Ratio	Run Time	SPEC Ratio
099.go	4600	176	26.2	172	26.8
124.m88ksim	1900	88.2	21.5	61	31.1
126.gcc	1700	80.2	21.2	70	24.3
129.compress	1800	91.1	19.8	79	22.8
130.li	1900	86.8	21.9	67	28.3
132.ijpeg	2400	85.3	28.1	84	28.7
134.perl	1900	66.5	28.6	61	31.0
147.vortex	2700	100.0	27.0	89	30.3
SPECint_base95 (G. Mean)			24.1		
		SPECint95 (G. Mean)			27.8

Notes/Tuning Information

```
Compiler:    cc.alt -std1        Base tuning: -O4 -arch ev6 -non_shared with om fb
Portability: m88ksim: -DLEHOST   perl: -DI_TIME   vortex: -D__RISC_64__
Peak:       -ifo -arch ev6 -non_shared -inline speed plus:
go:         -O3 with om fb                m88ksim: -O4 -speculate all with compiler fb
perl:       -O4 -lsys5 with compiler fb    vortex: -O4 -fast -speculate all with 2-pass fb
gcc:        -O4 -xtaso_short -noansi_alias with 2-pass fb
compress:   -O4 -assume whole_program -lsys5 with compiler fb
li:         -O4 -xtaso_short -speculate all -lsys5 with compiler fb
ijpeg:      -O4 -fast -unsigned -speculate all -lsys5 with compiler fb

om fb: PASS1= -prof_gen -prof_dir /tmp/prof    PASS2=  -prof_use_om_feedback -prof_dir /tmp/prof

compiler fb: PASS1 same as om fb plus -gen_feedback   PASS2 = -prof_use_feedback -prof_dir /tmp/prof

2-pass fb:  PASS1 same as compiler fb   PASS2 = -prof_use_feedback -prof_dir /tmp/prof -r
fdo_pre2  = mv %exename% rr; ld [-taso] -o fb rr -lexc; pixie -pids fb -o %exename%
fdo_run2  = %command%
fdo_post2 = ld [-taso] -om rr -o rrom -lexc; prof -pixie -merge fb.Counts fb fb.Addrs fb.Counts.*;
/usr/lib/cmplrs/cc.alt/om [-taso] -om_split_procedures -om_ireorg_feedback fb -o %binary% rrom
[Only gcc uses -taso in the lines just above]
```

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-- Prepared By: --