SPEC CINT95 Results

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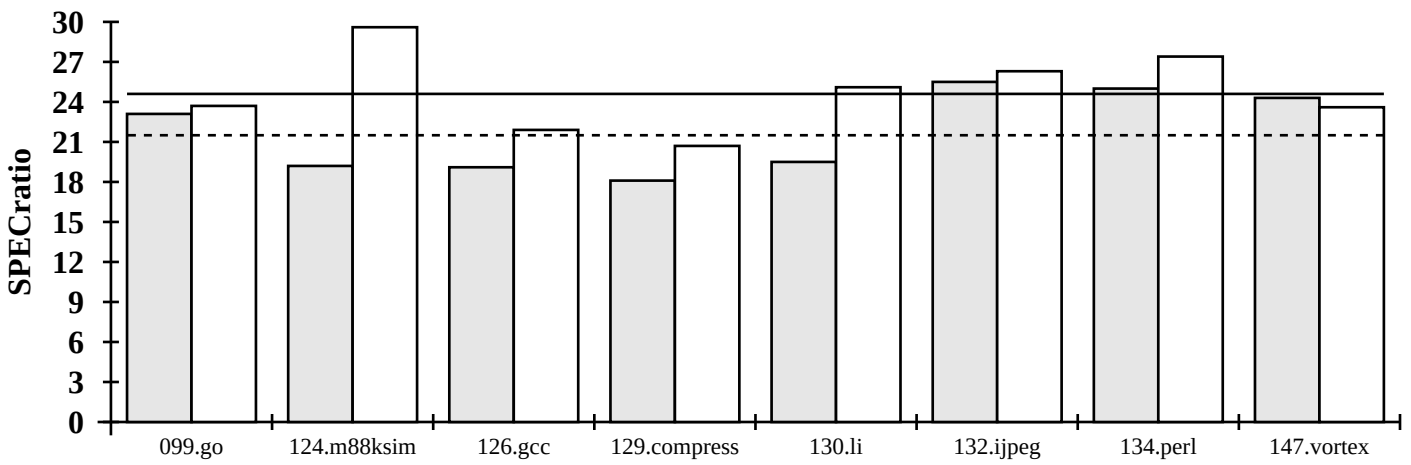
Compaq Computer Corportation
Professional Workstation XP900

SPECint95 = 24.6

SPECint_base95 = 21.5

SPEC license # 2	Tested By: Compaq NH	Test Date: Mar-99	Hardware Avail: Aug-99	Software Avail: Apr-99



Hardware/Software Configuration for:
Professional Workstation XP900

Hardware

Model Name:	Professional Workstation XP900
CPU:	466 MHz Alpha 21264
FPU:	Integrated
Number of CPU(s):	1
Primary Cache:	64KB(I)+64KB(D) on chip
Secondary Cache:	2MB (I+D) off chip
Other Cache:	None
Memory:	1GB
Disk Subsystem:	2x4.3GB
Other Hardware:	Ethernet

Software

Operating System:	Compaq Tru64 UNIX X4.0F-4
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	199	23.1	194	23.7
124.m88ksim	1900	99.1	19.2	64	29.6
126.gcc	1700	89.2	19.1	78	21.9
129.compress	1800	99.7	18.1	87	20.7
130.li	1900	97.6	19.5	76	25.1
132.ijpeg	2400	94.0	25.5	91	26.3
134.perl	1900	76.1	25.0	69	27.4
147.vortex	2700	111	24.3	114	23.6
SPECint_base95 (G. Mean)			21.5		
		SPECint95 (G. Mean)			24.6

Notes/Tuning Information

```
Compiler: cc.alt -std1      baseline: -O4 -arch ev6 -non_shared +OmFb
go:       -ifo -arch ev6 -g3 -O3 -inline speed -non_shared +OmFb
m88ksim:  -ifo -arch ev6 -g3 -O4 -inline speed -unroll 16 -non_shared +GemFb
gcc:      -ifo -arch ev6 -g1 -O4 -inline speed -xtaso_short -noansi_alias -non_shared  +BothFb
compress: -ifo -arch ev6 -g3 -O4 -fast -assume whole_program -non_shared -lsys5 +GemFb
li:       -ifo -arch ev6 -g1 -O4 -inline speed -xtaso_short -speculate all -non_shared -lsys5 +GemFb
ijpeg:    -ifo -arch ev6 -g3 -O4 -fast -speculate all -non_shared +GemFb
perl:     -ifo -arch ev6 -g3 -O3 -inline speed -non_shared -lsys5 +GemFb
vortex:   -ifo -arch ev6 -g3 -O4 -fast -inline speed -speculate all -non_shared +BothFb
Portability: m88ksim: -DLEHOST   perl: -DI_TIME    vortex: -D__RISC_64__

OmFb:  PASS1 = -prof_gen -prof_dir /tmp/prof    PASS2 = -prof_use_om_feedback -prof_dir /tmp/prof
GemFb: PASS1 = As in OmFb, plus -gen_feedback   PASS2 = -prof_use_feedback    -prof_dir /tmp/prof

BothFb: PASS1 = As in GemFb                     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)
```

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