SPEC CINT95 Results

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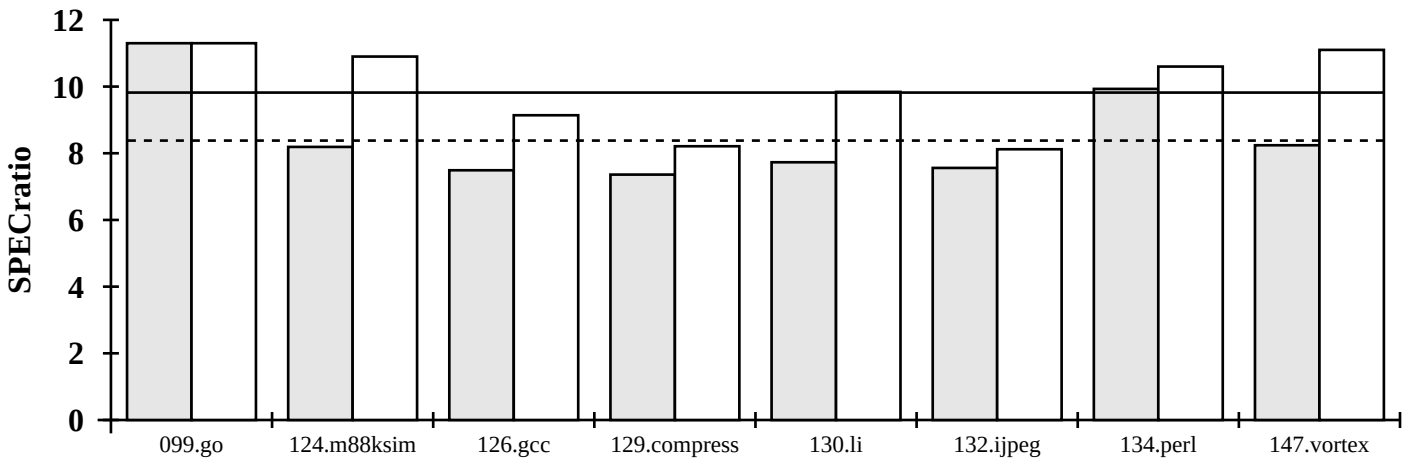
Digital Equipment Corp.
AlphaStation 500/333

SPECint95 = 9.82

SPECint_base95 = 8.38

SPEC license # 2	Tested By: Digital NH	Test Date: Jun-96	Hardware Avail: Mar-96	Software Avail: Aug-96



Hardware/Software Configuration for:
AlphaStation 500/333

Hardware

Model Name:	AlphaStation 500/333
CPU:	333 MHz 21164
FPU:	Integrated
Number of CPU(s):	1
Primary Cache:	8KB(I)+8KB(D) on chip
Secondary Cache:	96KB
Other Cache:	2MB
Memory:	128MB
Disk Subsystem:	1 x 2GB
Other Hardware:	Ethernet

Software

Operating System:	Digital UNIX V4.0A
Compiler:	DEC C X5.3-148-334R
	/usr/lib/cmplrs/cxx/protect_system_headers.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	407	11.3	407	11.3
124.m88ksim	1900	232	8.19	175	10.9
126.gcc	1700	227	7.49	186	9.14
129.compress	1800	244	7.36	219	8.21
130.li	1900	246	7.73	193	9.84
132.ijpeg	2400	318	7.56	296	8.12
134.perl	1900	191	9.93	180	10.6
147.vortex	2700	328	8.24	244	11.1
SPECint_base95 (G. Mean)			8.38		
		SPECint95 (G. Mean)			9.82

Notes/Tuning Information

```
Compiler: cc.alt -migrate -std1   Base optimizations: -O5 -non_shared -om -ifo
Portability flags: m88ksim: -DLEHOST   perl: -DI_TIME   vortex: -D__RISC_64__

Peak flags: all use -ifo -non_shared    go: -O4 -inline speed -om    m88ksim: -O5 -speculate all -inline speed
with feedback    gcc: -O5 -inline speed -xtaso_short with feedback    compress: -O5 -tune ev5 -32data
-inline speed -om -lsys5    li: -O5 -inline speed -xtaso_short -speculate all -lsys5 with feedback
ijpeg: -O5 -fast -unsigned -inline speed -speculate all -lsys5 with feedback
perl: -O5 -inline speed -lsys5 with feedback pass-2 only    vortex: -O5 -fast -inline speed with feedback -speculate all

feedback: PASS1=-gen_feedback -g1
fdo_pre1=mv %binary% %exename%.orig;pixie -pids %exename%.orig -o %exename%
fdo_run1=%command%
fdo_post1=prof -pixie -feedback ../../src/%exename%.fb %exename%.orig %exename%.orig.Addrs %exename%.orig.Counts.*
PASS2=-feedback $(EXENAME).fb -r
fdo_pre2=mv %exename% %exename%.rr;ld -o %exename%fb %exename%.rr -lexc;pixie -pids %exename%fb -o %exename%
fdo_run2=%command%
fdo_post2=ld -om %exename%.rr -o %exename%.rrom -lexc;prof -pixie -merge %exename%fb.Counts %exename%fb %exename%fb.Addrs
%exename%fb.Counts.*;/usr/lib/cmplrs/cc/om -om_ireorg_feedback %exename%fb -o %binary% %exename%.rrom
gcc and li add -taso to feedback commands om and ld
```

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-- Prepared By: --