SPEC CINT95 Results

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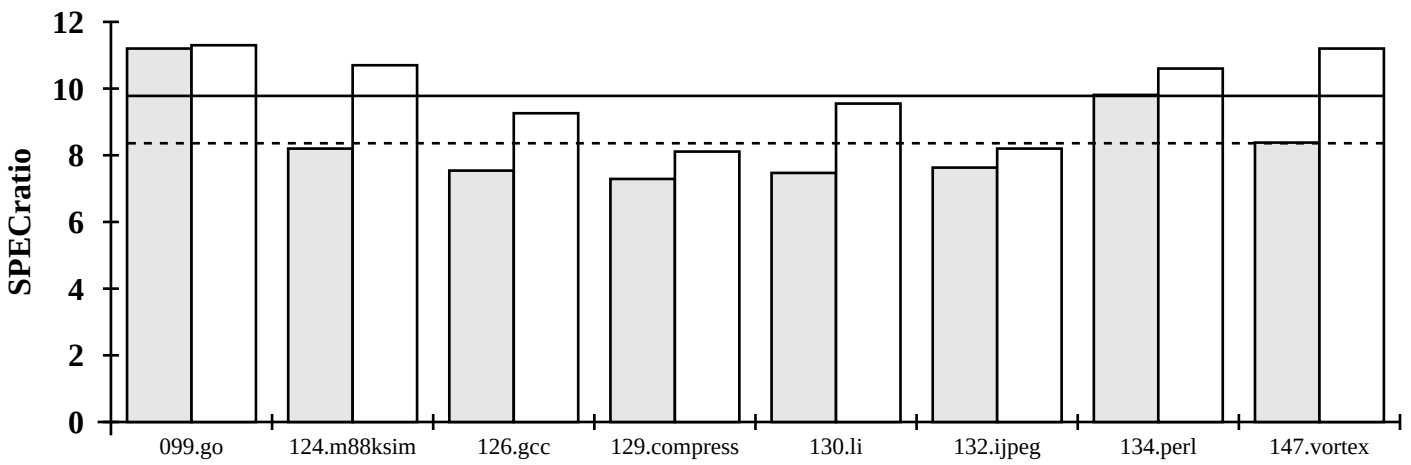
Digital Equipment Corp.
AlphaStation 600 5/333

SPECint95 = 9.78

SPECint_base95 = 8.36

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



Hardware/Software Configuration for:
AlphaStation 600 5/333

Hardware

Model Name:	AlphaStation 600 5/333
CPU:	333 MHz 21164
FPU:	Integrated
Number of CPU(s):	1
Primary Cache:	8KB(I)+8KB(D) on chip
Secondary Cache:	96KB
Other Cache:	4MB
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	409	11.2	407	11.3
124.m88ksim	1900	232	8.20	177	10.7
126.gcc	1700	226	7.54	184	9.26
129.compress	1800	247	7.29	222	8.11
130.li	1900	254	7.47	199	9.55
132.ijpeg	2400	315	7.63	293	8.20
134.perl	1900	194	9.81	180	10.6
147.vortex	2700	322	8.38	242	11.2
SPECint_base95 (G. Mean)			8.36		
		SPECint95 (G. Mean)			9.78

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
```

For More Information Contact:
SPEC
10754 Ambassador Drive, Suite 201
Manassas, VA 22110
(703) 331-0180
info@specbench.org
http://www.specbench.org

-- Prepared By: --