SPEC CINT95 Results

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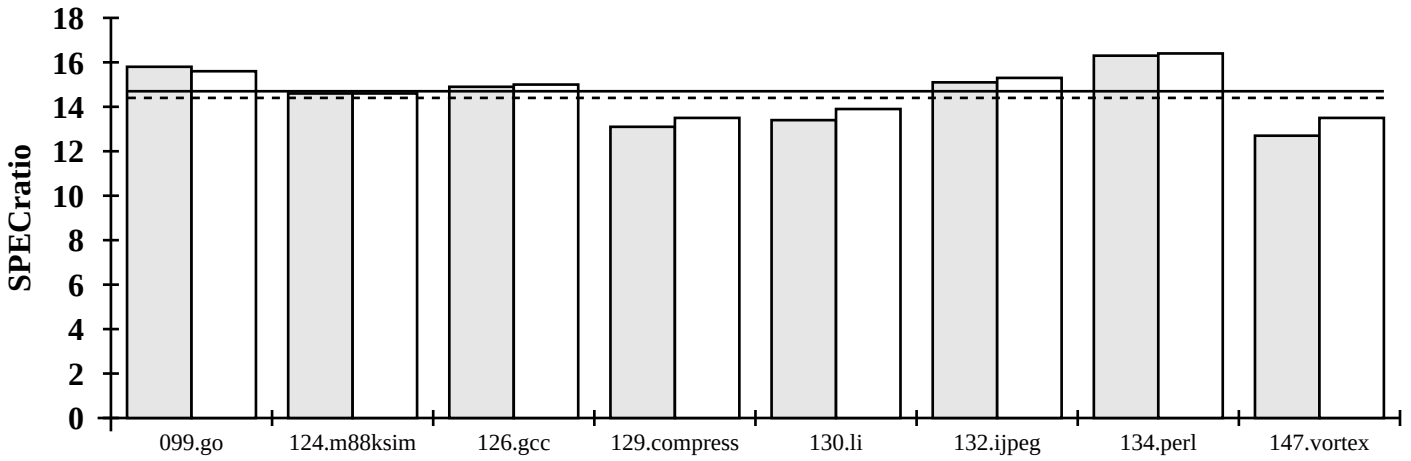
Digital Equipment Corp.
DIGITAL Server 3305 6500A

SPECint95 = 14.7

SPECint_base95 = 14.4

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



Hardware/Software Configuration for:
DIGITAL Server 3305 6500A

Hardware

Model Name:	DIGITAL Server 3305 6500A
CPU:	500 MHz 21164
FPU:	Integrated
Number of CPU(s):	1
Primary Cache:	8KB(I)+8KB(D) on chip
Secondary Cache:	96KB (I+D) on chip
Other Cache:	2MB (I+D) off chip
Memory:	1024MB
Disk Subsystem:	RZ29B 4GB
Other Hardware:	Ethernet

Software

Operating System:	Windows NT V4.0 Server
Compiler:	Microsoft Visual C++ V5.0 Spike V1.1
File System:	FAT
System State:	Default

Benchmark # and Name	Reference Time	Base Run Time	Base SPEC Ratio	Run Time	SPEC Ratio
099.go	4600	291	15.8	294	15.6
124.m88ksim	1900	130	14.6	130	14.6
126.gcc	1700	114	14.9	114	15.0
129.compress	1800	137	13.1	134	13.5
130.li	1900	141	13.4	137	13.9
132.ijpeg	2400	159	15.1	157	15.3
134.perl	1900	117	16.3	116	16.4
147.vortex	2700	212	12.7	200	13.5
SPECint_base95 (G. Mean)			14.4		
		SPECint95 (G. Mean)			14.7

Notes/Tuning Information

```
Compiler: scc    Baseline: -arch:ev56 -Ox *spk
go:-arch:ev56 -Ox  m88ksim,gcc : -arch:ev56 -Ox -Qagq, *spk
compress: -O2 -Gs -arch:ev56 -Ob3
li: -Gs -arch:ev56 *spk with PASS2 -spike_hco -profile_accuracy:low
ijpeg: -Ox -Gs -arch:ev56 *spk with  PASS2 -spike_hco -profile_accuracy:low
perl: -Gy -GF -Oi -arch:ev56 -QAgq *spk with PASS2 -profile_accuracy:low
vortex: -O2 -arch:ev56 -QAgq *spk with PASS2 -spike_hco

*spk means spike feedback:
PASS1 =  -prof_gen_spike -prof_dir:c:\tmp\prof
PASS2 =  -prof_use_spike -prof_dir:c:\tmp\prof

Portability:  m88ksim: -DLEHOST -DNT getopt.obj li: setargv.obj ijpeg:-DMSDOS
perl:-DI_TIME -DMSDOS -D__STDC__=0 gcc: EXTRA_CFLAGS = -w -D__TURBOC__-D_MSDOS
-D__STDC__=0 -DONLY_INT_FIELDS=0 -Dalloca=_alloca -DDeleteFile=unlink
```

For More Information Contact: SPEC info@spec.org http://www.spec.org/

-- Prepared By: --