SPEC CINT95 Results

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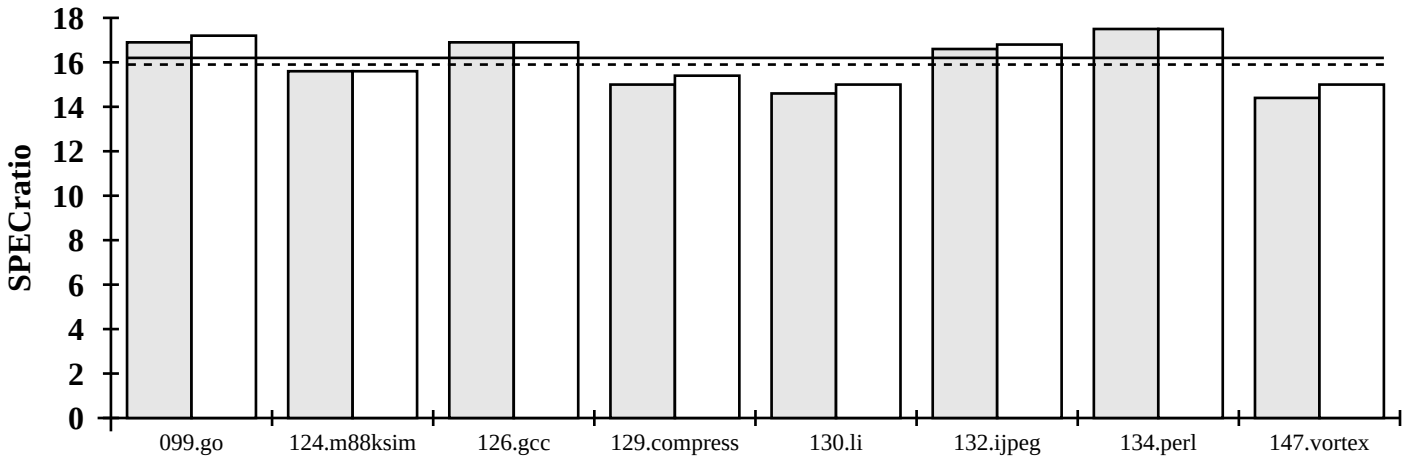
Digital Equipment Corp.
DIGITAL Server 5305 6533A

SPECint95 = 16.2

SPECint_base95 = 15.9

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 5305 6533A

Hardware

Model Name:	DIGITAL Server 5305 6533A
CPU:	533 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:	4MB (I+D) off chip
Memory:	384MB
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	273	16.9	267	17.2
124.m88ksim	1900	122	15.6	122	15.6
126.gcc	1700	101	16.9	101	16.9
129.compress	1800	120	15.0	117	15.4
130.li	1900	130	14.6	126	15.0
132.ijpeg	2400	145	16.6	143	16.8
134.perl	1900	109	17.5	108	17.5
147.vortex	2700	188	14.4	180	15.0
SPECint_base95 (G. Mean)			15.9		
		SPECint95 (G. Mean)			16.2

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
```