SPEC CINT95 Results

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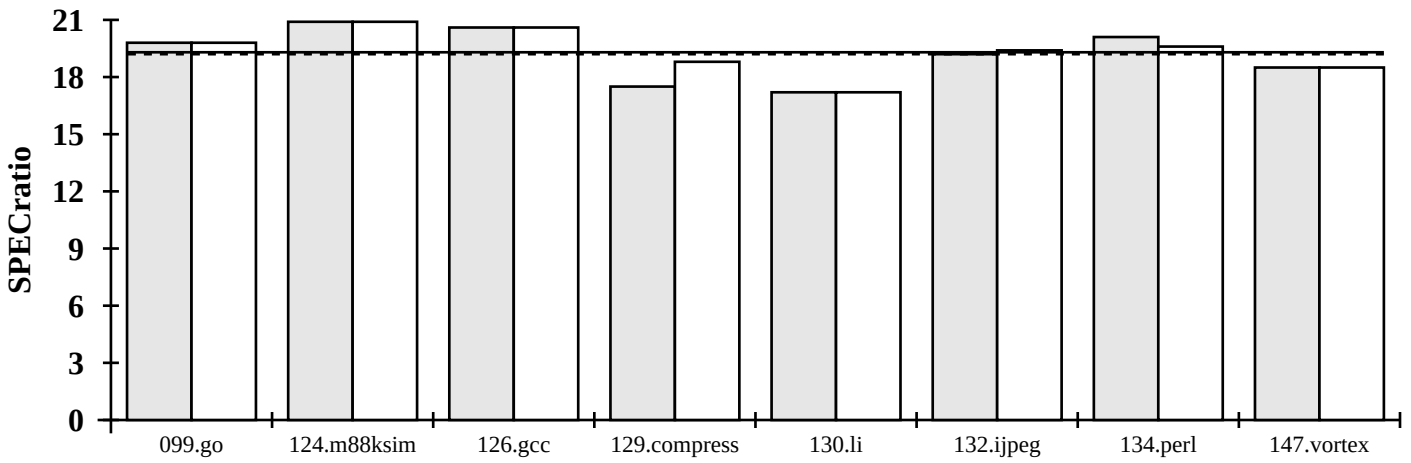
Digital Equipment Corp.
DIGITAL Server 7310 6600A

SPECint95 = 19.3

SPECint_base95 = 19.2

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



Hardware/Software Configuration for:
DIGITAL Server 7310 6600A

Hardware

Model Name:	DIGITAL Server 7310 6600A
CPU:	600 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:	8MB (I+D) off chip
Memory:	6GB
Disk Subsystem:	RZ29B 4GB
Other Hardware:	Ethernet

Software

Operating System:	Microsoft Windows NT V4.0 Server
Compiler:	Microsoft Visual C++ V5.0 SPIKE 1.1 (build 186)
File System:	FAT
System State:	Default

Benchmark # and Name	Reference Time	Base Run Time	Base SPEC Ratio	Run Time	SPEC Ratio
099.go	4600	232	19.8	232	19.8
124.m88ksim	1900	90.8	20.9	91	20.9
126.gcc	1700	82.6	20.6	83	20.6
129.compress	1800	103	17.5	96	18.8
130.li	1900	110	17.2	110	17.2
132.ijpeg	2400	125	19.2	124	19.4
134.perl	1900	94.6	20.1	97	19.6
147.vortex	2700	146	18.5	146	18.5
SPECint_base95 (G. Mean)			19.2		
		SPECint95 (G. Mean)			19.3

Notes/Tuning Information

```
Compiler: scc    Baseline: -arch:ev56 -fast -profile_accuracy:low *spk

go: -arch:ev56 -Ox
gcc, m88ksim, perl, vortex: same as baseline plus -QAgq
compress: -arch:ev56 -Ox -Gs -Ob4
li, ijpeg: same as baseline plus -Gs

*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: --