SPEC CINT95rate Results

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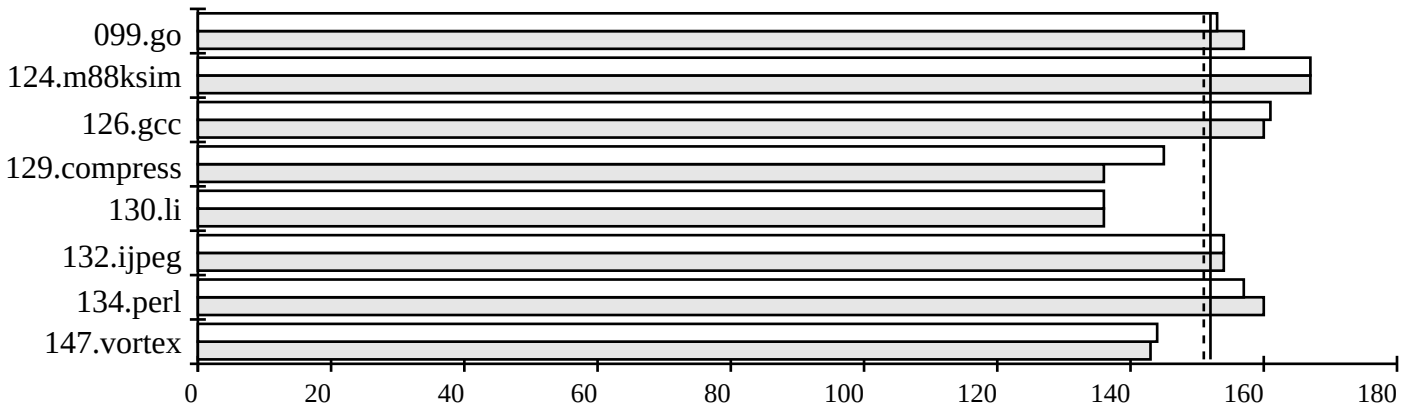
Digital Equipment Corporation AlphaServer 4100 5/533

SPECint_rate95 = 152

SPECint_rate_base95 = 151

SPEC license # 2	Tested By: Digital NH	Test Date: Feb-98	Hardware Avail: Oct-97	Software Avail: Jan-98



Hardware/Software Configuration for:
AlphaServer 4100 5/533

Hardware

Model Name:	AlphaServer 4100 5/533
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:	6GB
Disk Subsystem:	RZ29B 4GB
Other Hardware:	Ethernet

Software

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

Benchmark # and Name	Base Copies	Base Run Time	Base SPEC Ratio	Copies	Run Time	SPEC Ratio
099.go	1	264	157	1	271	153
124.m88ksim	1	102	167	1	102	167
126.gcc	1	95.7	160	1	95	161
129.compress	1	119	136	1	111	145
130.li	1	126	136	1	126	136
132.ijpeg	1	140	154	1	140	154
134.perl	1	107	160	1	109	157
147.vortex	1	169	143	1	169	144
SPECint_rate_base95 (G. Mean)			151			
SPECint_rate95 (G. Mean)						152

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: --