SPEC CINT95rate Results

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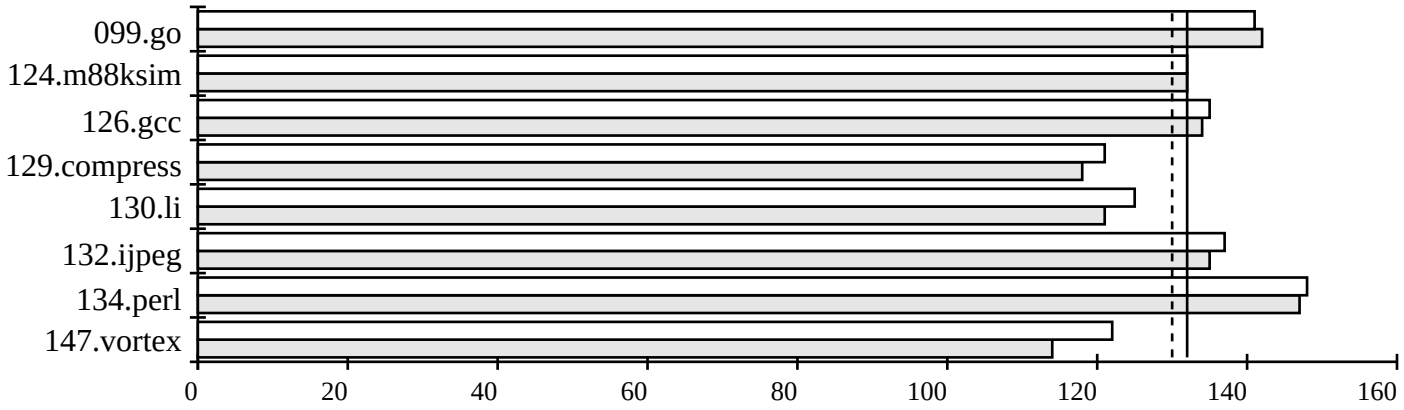
Digital Equipment Corp.
DIGITAL Server 3305 6500A

SPECint_rate95 = 132

SPECint_rate_base95 = 130

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	Base Copies	Base Run Time	Base SPEC Ratio	Copies	Run Time	SPEC Ratio
099.go	1	291	142	1	294	141
124.m88ksim	1	130	132	1	130	132
126.gcc	1	114	134	1	114	135
129.compress	1	137	118	1	134	121
130.li	1	141	121	1	137	125
132.ijpeg	1	159	135	1	157	137
134.perl	1	117	147	1	116	148
147.vortex	1	212	114	1	200	122
SPECint_rate_base95 (G. Mean)			130			
			SPECint_rate95 (G. Mean)			132

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: --