SPEC CINT95rate Results

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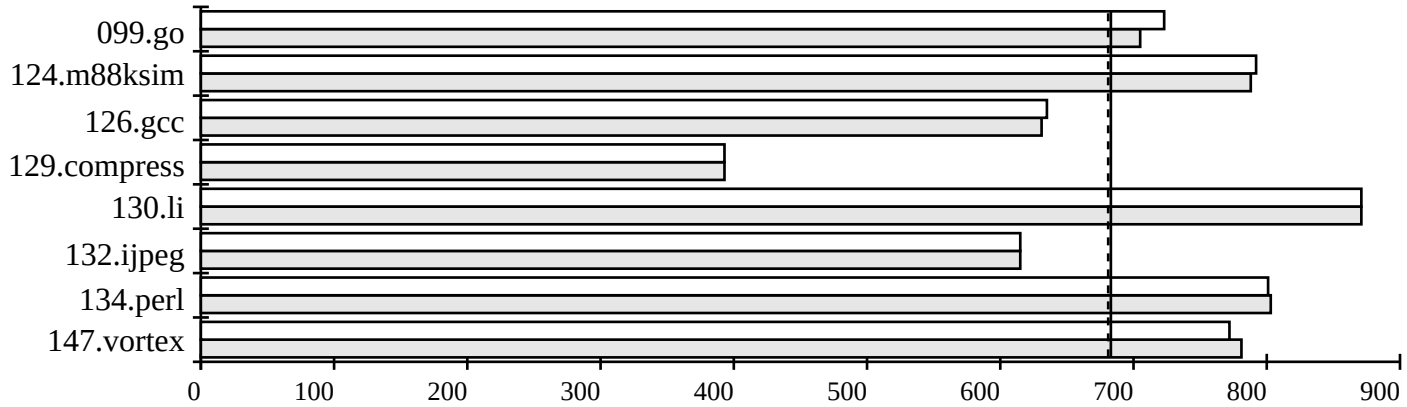
Dell Computer Corporation
Precision WorkStation 420

SPECint_rate95 = 683

SPECint_rate_base95 = 681

SPEC license # 55 | Tested By: Dell, Round Rock, TX | Test Date: Mar-2000 | Hardware Avail: Jan-2000 | Software Avail: Feb-2000



Hardware/Software Configuration for:
Precision WorkStation 420

Hardware

Model Name:	Precision WorkStation 420
CPU:	800 MHz Pentium III processor
FPU:	Integrated
Number of CPU(s):	2
Primary Cache:	16KBI+16KBD
Secondary Cache:	256KB(I+D) ECC
Other Cache:	None
Memory:	256MB ECC PC800 RDRAM
Disk Subsystem:	Quantum Atlas 10K Ultra3
Other Hardware:	

Software

Operating System:	Microsoft Windows NT 4.0 (SP5)
Compiler:	Intel C Compiler 4.5, Microsoft Visual C++ 6.0 (for libraries), MicroQuill SmartHeap Library 5.0
File System:	NTFS
System State:	Default

Benchmark # and Name	Base Copies	Base Run Time	Base SPEC Ratio	Copies	Run Time	SPEC Ratio
099.go	2	117	705	2	114	723
124.m88ksim	2	43.4	788	2	43	792
126.gcc	2	48.5	631	2	48	635
129.compress	2	82.5	393	2	82	393
130.li	2	39.3	871	2	39	871
132.ijpeg	2	70.3	615	2	70	615
134.perl	2	42.6	803	2	43	801
147.vortex	2	62.3	781	2	63	772
SPECint_rate_base95 (G. Mean)			681			
				SPECint_rate95 (G. Mean)		683

Notes/Tuning Information

```
+FDO: PASS1=-Qprof_gen -Qprof_dir c:/temp/IRCDB PASS2=-Qprof_use
Base flags: -QxK -Qipo_wp +FDO shlW32M.lib
-Qprof_dir is a location flag and not an optimization flag
Peak flags:
099: -QxK -Qipo_wp -Qunroll0 -Oa +FDO shlW32M.lib
124: -QxK -Qipo -Oa +FDO shlW32M.lib
126: -QxK -Qipo_wp -Oa +FDO shlW32M.lib
129: -QxK -Qipo_wp +FDO shlW32M.lib
130: -QxK -Qipo_wp +FDO shlW32M.lib
132: -QxK -Qipo_wp +FDO shlW32M.lib
134: -QxK -Qipo -Qrcd +FDO shlW32M.lib
147: -QxK -Qipo_wp +FDO shlW32M.lib
shlW32M.lib is the SmartHeap library from MicroQuill
Portability: 124:-DNT -DLEHOST
Portability: 126: -D_STDC_=0 -DONLY_INT_FIELDS=0 -Dalloca=_alloca
Portability: 132: -DSYSV -DMSDOS
Portability: 134: -DMSDOS -DI_TIME
Microsoft Visual C++ 6.0 is installed for libraries
-- 133 MHz front side bus
```