CINT2000 Result

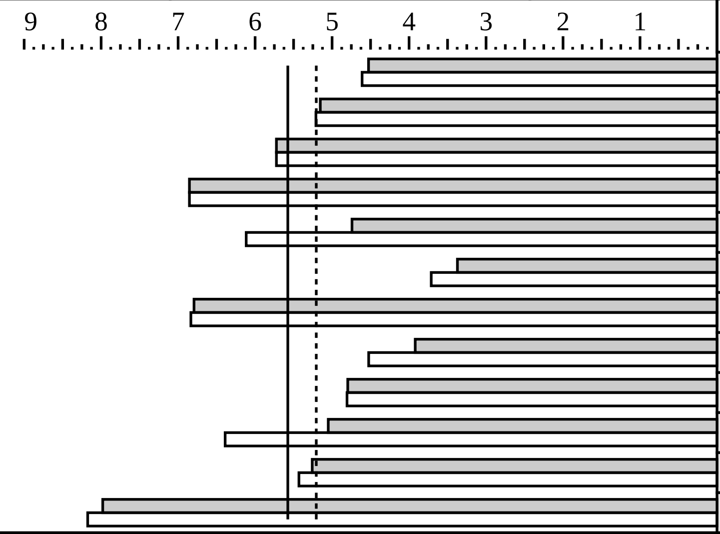
IBM Corporation

IBM eServer pSeries 610 Mod 6E1 333MHz

SPECint_rate2000 = 5.57

SPECint_rate_base2000 = 5.21

SPEC license #: 11	Tested by: IBM Corp.	Test date: Jan-2002	Hardware Avail: Feb-2002	Software Avail: Feb-2002



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	2	718	4.53	2	705	4.61
175.vpr	2	630	5.15	2	623	5.21
176.gcc	2	446	5.72	2	446	5.72
181.mcf	2	609	6.85	2	609	6.85
186.crafty	2	489	4.74	2	379	6.12
197.parser	2	1238	3.37	2	1125	3.71
252.eon	2	444	6.79	2	441	6.83
253.perlbmk	2	1065	3.92	2	923	4.52
254.gap	2	532	4.80	2	531	4.81
255.vortex	2	873	5.05	2	690	6.39
256.bzip2	2	662	5.26	2	641	5.43
300.twolf	2	872	7.98	2	851	8.17

Hardware

CPU:	POWER3-II
CPU MHz:	333
FPU:	Integrated
CPU(s) enabled:	2 cores, 2 chips, 1 core/chip
CPU(s) orderable:	1,2
Parallel:	No
Primary Cache:	32KBI+64KBD (on chip)
Secondary Cache:	4MB unified (off chip)
L3 Cache:	None
Other Cache:	None
Memory:	2GB
Disk Subsystem:	2x18GB 10000RPM
Other Hardware:	None

Software

Operating System:	AIX 5L V5.1
Compiler:	IBM VisualAge C++ for AIX, Version 5.0.2.1
File System:	AIX/JFS
System State:	Multi-user

Notes/Tuning Information

```
Portability Flags:
  gcc:     -ma -qlanglvl=ansi -DHOST_WORDS_BIG_ENDIAN
  crafty:  -DAIX
  eon:     -DNEED_EXPLICIT_SPECIALIZATION
            EXTRA_LDFLAGS=-I. -DNDEBUG
  perlbmk: -DSPEC_CPU2000_AIX
  gap:     -DSYS_IS_BSD -DSYS_STRING_H -DSYS_HAS_TIME_PROTO
           -DSYS_HAS_MALLOC_PROTO -DSYS_HAS_CALLOC_PROTO
  twolf:   -DHAVE_SIGNED_CHAR
Base Optimization Flags:
  C:           -O4 -lmass
  C++:         -O4 -lmass
Peak Optimization Flags
  164.gzip:    -O4 -lhmu, fdpr -v -R3 -p -x
  175.vpr:     -O5 -qunroll=8
  176.gcc:     (basepeak=1)
  181.mcf:     (basepeak=1)
  186.crafty:  -O3 -lhmu -q64
  197.parser:  -qpdf1/pdf2 -O4 -lpdf
               -bnso -bI:/lib/syscalls.exp, fdpr -v -R3  -p -x
```

Notes/Tuning Information (Continued)

```
  252.eon:      -O4 -lmass, fdpr -v -R3 -p -x
  253.perlbmk: -qpdf1/pdf2 -O3 -lhmu -lpdf -qarch=pwr3
               -qdatalocal -qunroll=8, fdpr -R3 -p -x
  254.gap:      -O4 -qarch=pwr3, fdpr -v -R3 -p -x
  255.vortex:   -O3 -lhmu -lmass -qipa=partition=large,
               fdpr -v -R3 -p -x
  256.bzip2:    -O5 -qunroll=8
  300.twolf:    -qpdf1/pdf2 -O5 -lpdf, fdpr -v -R3 -p -x
                CC=/usr/vac/bin/xlc
fpdr: Feedback directed program restructuring tool
APAR IY22854 was applied to AIX 5L V5.1 to enable new hardware support
ulimits set to unlimited.
C: IBM VAC++ 5.0.2.1 invoked as cc except where noted as xlc
C++: IBM VAC++ 5.0.2.1 invoked as xlC
```