CINT2000 Result

Copyright ©1999-2004, Standard Performance Evaluation Corporation

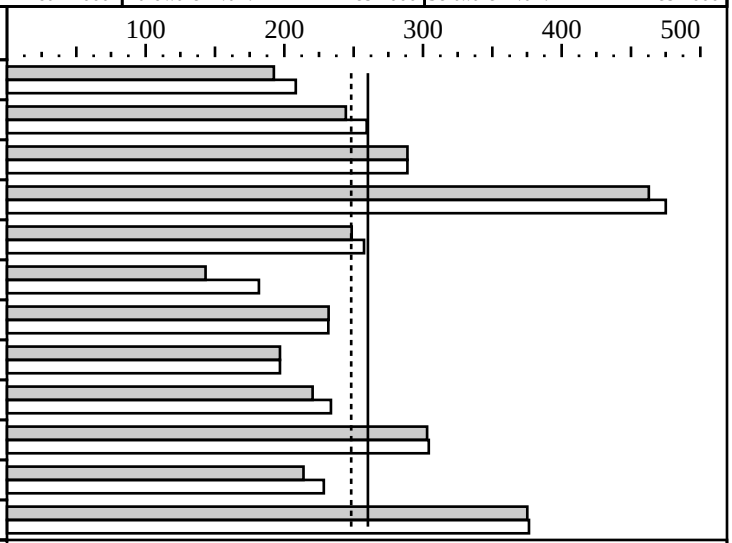
IBM Corporation
RS/6000 SP-375MHz T/W (1 CPU)

SPECint2000 = 260

SPECint_base2000 = 248

SPEC license #: 11 | Tested by: IBM, Austin, TX | Test date: Jan-2000 | Hardware Avail: Feb-2000 | Software Avail: Feb-2000

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
164.gzip	1400	727	192	672	208
175.vpr	1400	573	244	540	259
176.gcc	1100	381	289	381	289
181.mcf	1800	389	463	379	475
186.crafty	1000	402	249	388	257
197.parser	1800	1257	143	991	182
252.eon	1300	561	232	561	232
253.perlbmk	1800	914	197	914	197
254.gap	1100	499	220	471	234
255.vortex	1900	627	303	625	304
256.bzip2	1500	702	214	657	228
300.twolf	3000	800	375	797	376



Hardware

CPU:	Power3-II
CPU MHz:	375
FPU:	Integrated
CPU(s) enabled:	1 core, 1 chip, 1 core/chip
CPU(s) orderable:	2,4
Parallel:	None
Primary Cache:	32KBI+64KBD (on chip)
Secondary Cache:	8MB unified (off chip)
L3 Cache:	None
Other Cache:	None
Memory:	4GB
Disk Subsystem:	2x9.1GB IBM Fast/Wide SCSI 7200 RPM
Other Hardware:	Ethernet

Software

Operating System:	AIX 4.3.3
Compiler:	C: IBM VAC 5.0 invoked as 'cc' except where noted as 'xlc' C++: IBM C++ 3.6.6.1 invoked as 'xlC'
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
  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
NOTE: The flag combination "qpdf1/qpdf2" indicates a 2 step compilation process
      the exact process is as follows:
  fdo_pre0 = rm -rf ${PDFDIR}; mkdir -p ${PDFDIR}
  PASS1_FLAGS    =-qpdf1 <optimization flags>
  PASS1_LDFLAGS  =<optimized libraries> -L<pdf library location> -lpdf
  PASS2_FLAGS    =-qpdf2 <optimization flags>
  PASS2_LDFLAGS  =-<optimized libraries>
Base Flags:
  C: -qpdf1/pdf2 -O3 -qarch=pwr3 -lhmu
  C++: -qpdf1/pdf2 -O3 qarch=ppc qtune=pwr3
Peak Flags:
  164.gzip: xlc -O5
  175.vpr: xlc -qpdf1/pdf2 -O3 -qarch=pwr3 -bnso -bI:/lib/syscalls.exp
```

Copyright ©1999-2004, Standard Performance Evaluation Corporation

Notes/Tuning Information (Continued)

```
    176.gcc: -qpdf1/pdf2 -O3 -qarch=pwr3 -lhmu
    181.mcf: xlc -qpdf1/pdf2 -O5 -bnso -bI:/lib/syscalls.exp
    186.crafty: xlc -qpdf1 -O3 -Q=500 -qarch=pwr3
    197.parser: xlc -O5 -qipa=partition=large -bnso -bI:/lib/syscalls.exp
    252.eon: -qpdf1/pdf2 -O3 -qarch=ppc -qtune=pwr3 -lhmu
    253.perlbmk: -qpdf1/pdf2 -O3 -qarch=pwr3 -lhmu
    254.gap: -O5 -qansialias -lhmu
    255.vortex: -qpdf1/pdf2 -O5 -Q=500
    256.bzip2: xlc -O3 -qarch=pwr3 -lhmu
    300.twolf: xlc -O5 -Q=500 -lhmu
  NOTE: 2 CPUs were installed, but one was disabled via the service processor setup menu.
```