CINT2000 Result

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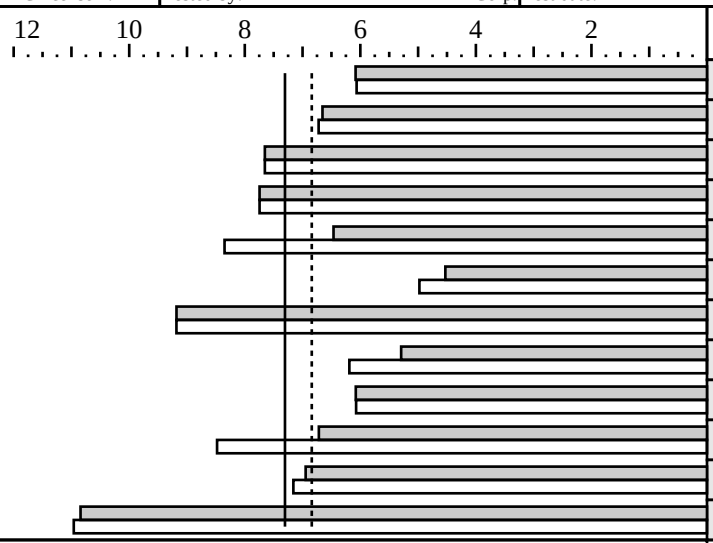
IBM Corporation
IBM IntelliStation POWER Model 265

SPECint_rate2000 = 7.30

SPECint_rate_base2000 = 6.84

SPEC license #: 11 | Tested by: IBM Corp. | Test date: Jan-2002 | Hardware Avail: Mar-2002 | Software Avail: Dec-2001



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	2	534	6.08	2	536	6.06
175.vpr	2	488	6.66	2	483	6.72
176.gcc	2	333	7.65	2	333	7.65
181.mcf	2	539	7.74	2	539	7.74
186.crafty	2	359	6.46	2	278	8.35
197.parser	2	922	4.53	2	839	4.98
252.eon	2	328	9.18	2	328	9.18
253.perlbmk	2	789	5.29	2	675	6.19
254.gap	2	420	6.08	2	420	6.07
255.vortex	2	656	6.72	2	520	8.48
256.bzip2	2	501	6.95	2	486	7.16
300.twolf	2	642	10.8	2	635	11.0

Hardware

CPU:	POWER3-II
CPU MHz:	450
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:	C: IBM VAC++ 5.0.2.0 invoked as cc except where noted as xlc C++: IBM VAC++ 5.0.2.0 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
Base Optimization Flags:
  C:           -O4 -lmass
  C++:         -O4 -lmass
Peak Optimization Flags
  164.gzip:    -O4 -lhmu, fdpr -R3 -p -x -o
  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 -R3  -p -x
  252.eon:     -O4 -lmass, fdpr -R3 -p -x -o
```

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Notes/Tuning Information (Continued)

```
  253.perlbmk: -qpdf1/pdf2 -O3 -lhmu -lpdf -qarch=pwr3
               -qdatalocal -qunroll=8, fdpr -R3 -p -x
  254.gap:     -O4 -qarch=pwr3, fdpr -R3 -p -x -o
  255.vortex:  -O3 -lhmu -lmass -qipa=partition=large,
               fdpr -v -R3 -p -x
  256.bzip2:   -O5 -qunroll=8, fdpr -R3 -p -x -o
  300.twolf:   -qpdf1/pdf2 -O5 -lpdf, fdpr -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
```