



# CINT2000 Result

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IBM Corporation  
RS/6000 43P-150 (250MHz)

SPECint2000 = --  
SPECint\_base2000 = 93.7

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	20 40 60 80 100 120					
164.gzip	1400	1734	80.7			[Bar chart showing ratio ~80.7]					
175.vpr	1400	1422	98.5			[Bar chart showing ratio ~98.5]					
176.gcc	1100	1394	78.9			[Bar chart showing ratio ~78.9]					
181.mcf	1800	1623	111			[Bar chart showing ratio ~111]					
186.crafty	1000	937	107			[Bar chart showing ratio ~107]					
197.parser	1800	2706	66.5			[Bar chart showing ratio ~66.5]					
252.eon	1300	1182	110			[Bar chart showing ratio ~110]					
253.perlbmk	1800	2250	80.0			[Bar chart showing ratio ~80.0]					
254.gap	1100	1127	97.6			[Bar chart showing ratio ~97.6]					
255.vortex	1900	1925	98.7			[Bar chart showing ratio ~98.7]					
256.bzip2	1500	1620	92.6			[Bar chart showing ratio ~92.6]					
300.twolf	3000	2529	119			[Bar chart showing ratio ~119]					

### Hardware

CPU: 250MHz IBM PowerPC 604e  
CPU MHz: 250  
FPU: Integrated  
CPU(s) enabled: 1 core, 1 chip, 1 core/chip  
CPU(s) orderable: 1  
Parallel: No  
Primary Cache: 32KBI+32KBD (on chip)  
Secondary Cache: 1MB unified (off chip)  
L3 Cache: None  
Other Cache: None  
Memory: 512MB  
Disk Subsystem: 1x4.5GB Ultra SCSI, 7200 RPM  
Other Hardware: None

### Software

Operating System: AIX 4.3.3 plus APAR IY09807  
Compiler: IBM C 5.01  
IBM C++ 3.6.6.1  
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
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 Flags:

```
C: -O3 -qarch=ppc
C++: -O3 -qarch=ppc
```