



CINT2000 Result

Copyright ©1999-2005, Standard Performance Evaluation Corporation

IBM Corporation

IBM eServer xSeries x206m (3.0GHz Pentium 4 630, 2MB L2 Cache)

SPECint2000 = 1500

SPECint_base2000 = 1493

SPEC license #: 11 | Tested by: IBM Corporation | Test date: Sep-2005 | Hardware Avail: Sep-2005 | Software Avail: Jun-2005

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	1000 2000 3000 4000			
164.gzip	1400	141	995	139	1004	[Bar chart showing ratio 1004]			
175.vpr	1400	135	1035	132	1061	[Bar chart showing ratio 1061]			
176.gcc	1100	62.1	1772	62.1	1772	[Bar chart showing ratio 1772]			
181.mcf	1800	93.8	1918	93.9	1916	[Bar chart showing ratio 1916]			
186.crafty	1000	89.9	1113	90.2	1109	[Bar chart showing ratio 1109]			
197.parser	1800	143	1262	142	1266	[Bar chart showing ratio 1266]			
252.eon	1300	69.0	1884	69.2	1878	[Bar chart showing ratio 1878]			
253.perlbnk	1800	100	1795	99.6	1808	[Bar chart showing ratio 1808]			
254.gap	1100	67.6	1627	66.3	1660	[Bar chart showing ratio 1660]			
255.vortex	1900	74.5	2549	74.6	2548	[Bar chart showing ratio 2548]			
256.bzip2	1500	130	1152	130	1154	[Bar chart showing ratio 1154]			
300.twolf	3000	195	1539	195	1538	[Bar chart showing ratio 1538]			

Hardware

CPU: Intel Pentium 4 630 (800 MHz system bus)
CPU MHz: 3000
FPU: Integrated
CPU(s) enabled: 1 core, 1 chip, 1 core/chip (Hyper-Threading Technology disabled)
CPU(s) orderable: 1
Parallel: No
Primary Cache: 12K(I) micro-ops + 16KB(D) on chip
Secondary Cache: 2048KB(I+D) on chip
L3 Cache: N/A
Other Cache: N/A
Memory: 4 x 1024 MB ECC PC2-3200 Single Rank
Disk Subsystem: 73GB SAS 15K RPM
Other Hardware:

Software

Operating System: Windows Server 2003 Standard Edition
Compiler: Intel C/C++ Compiler 9.0 (20050624Z) for 32-bit applications
Intel Fortran Compiler 9.0 (20050624Z) for 32-bit applications
Microsoft Visual Studio .NET 13.0.9466 (for libraries)
MicroQuill Smartheap Library 7.30
File System: NTFS
System State: Default

Notes/Tuning Information

GENERAL

ONESTEP=yes
+FDO: PASS1=-Qprof_gen PASS2=-Qprof_use

PORTABILITY FLAGS

176.gcc: -Dalloca=_alloca /F10000000
186.crafty: -DNT_i386
252.eon: srcalt=stdcpp
253.perlbnk: -DSPEC_CPU2000_NTOS -DPERLDLL /MT
254.gap: -DSYS_HAS_CALLOC_PROTO -DSYS_HAS_MALLOC_PROTO

BASE TUNING

C: -fast -Qansi_alias +FDO shlw32M.lib
C++: -fast -Qcxx_features +FDO

PEAK TUNING

164.gzip: -fast +FDO
175.vpr: -fast +FDO
176.gcc: basepeak=yes
181.mcf: -fast +FDO shlw32M.lib
186.crafty: -fast -Oa +FDO shlw32M.lib
197.parser: -fast +FDO
252.eon: -fast +FDO



CINT2000 Result

Copyright ©1999-2005, Standard Performance Evaluation Corporation

IBM Corporation

IBM eServer xSeries x206m (3.0GHz Pentium 4 630, 2MB L2 Cache)

SPECint2000 = 1500

SPECint_base2000 = 1493

SPEC license #: 11 | Tested by: IBM Corporation | Test date: Sep-2005 | Hardware Avail: Sep-2005 | Software Avail: Jun-2005

Notes/Tuning Information (Continued)

```
253.perlbnk: -fast -Oa +FDO shlw32M.lib
254.gap:      -fast +FDO
255.vortex   -fast +FDO shlw32M.lib
256.bzip2:   -fast -Qunroll1 -Oa +FDO shlw32M.lib
300.twolf:   -fast +FDO shlw32M.lib
EXTRA LIBRARIES
shlw32M.lib: MicroQuill SmartHeap Library 7.3
              www.microquill.com
```