CINT2000 Result

IBM Corporation

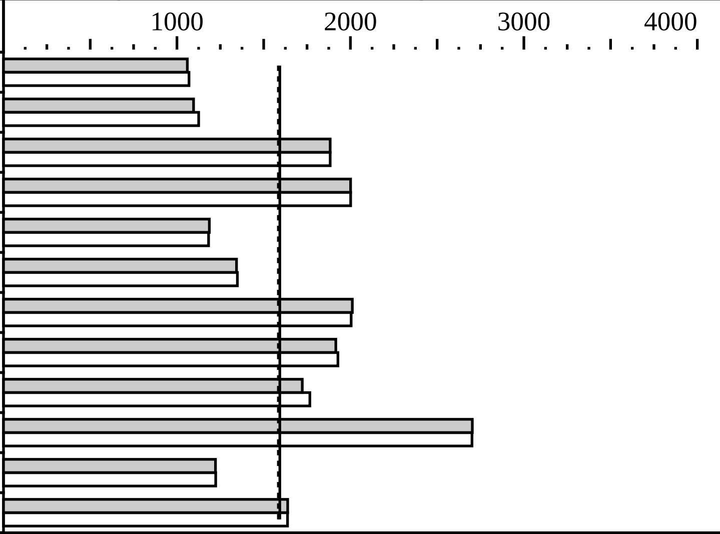
IBM eServer xSeries 306m (3.2 GHz Pentium 4 640, 2MB L2 Cache)

SPECint2000 = 1593

SPECint_base2000 = 1585

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
164.gzip	1400	132	1060	131	1069
175.vpr	1400	128	1096	124	1125
176.gcc	1100	58.4	1883	58.4	1883
181.mcf	1800	90.0	2001	89.9	2001
186.crafty	1000	84.3	1187	84.6	1182
197.parser	1800	134	1343	133	1348
252.eon	1300	64.6	2011	64.9	2004
253.perlbmk	1800	94.0	1916	93.4	1928
254.gap	1100	63.9	1723	62.3	1766
255.vortex	1900	70.3	2703	70.3	2701
256.bzip2	1500	123	1222	123	1223
300.twolf	3000	183	1638	183	1638



Hardware

CPU:	Intel Pentium 4 640(800 MHz system bus)
CPU MHz:	3200
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:	75GB SATA 7.2K 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.perlbmk: -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

IBM Corporation

IBM eServer xSeries 306m (3.2 GHz Pentium 4 640, 2MB L2 Cache)

SPECint2000 =	1593
SPECint_base2000 =	1585

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

Notes/Tuning Information (Continued)

```
    253.perlbmk: -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
```