



CINT2000 Result

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Itaotec

Servidor Itaotec MX221 (Intel Xeon 5150 processor, 2.66GHz)

SPECint_rate2000 = 57.2

SPECint_rate_base2000 = 57.2

SPEC license #: 9001 | Tested by: Itaotec | Test date: Nov-2006 | Hardware Avail: Jul-2006 | Software Avail: May-2006

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	2	85.9	37.8	2	85.9	37.8
175.vpr	2	79.6	40.8	2	79.6	40.8
176.gcc	2	41.2	61.9	2	41.2	61.9
181.mcf	2	80.5	51.9	2	80.5	51.9
186.crafty	2	41.3	56.2	2	41.3	56.2
197.parser	2	89.3	46.7	2	89.3	46.7
252.eon	2	38.0	79.3	2	38.0	79.3
253.perlbnk	2	59.3	70.4	2	59.3	70.4
254.gap	2	43.3	58.9	2	43.3	58.9
255.vortex	2	46.8	94.2	2	46.8	94.2
256.bzip2	2	80.4	43.3	2	80.4	43.3
300.twolf	2	99.8	69.7	2	99.8	69.7

Hardware

CPU: Intel Xeon 5150 processor (2.66 GHz, 4MB L2 shared, 1333 MHz system bus)
 CPU MHz: 2667
 FPU: Integrated
 CPU(s) enabled: 2 cores, 1 chip, 2 cores/chip
 CPU(s) orderable: 1
 Parallel: No
 Primary Cache: 32 KB I + 32 KB D on chip per core
 Secondary Cache: 4MB (I+D) on chip, per chip, shared
 L3 Cache: N/A
 Other Cache: N/A
 Memory: 8GB (8x1GB DDR2-RAM PC2-5300 FB-DIMM CL5 ECC)
 Disk Subsystem: 1 x 36GB U320 SCSI 10000 RPM
 Other Hardware: None

Software

Operating System: Windows Server 2003 Enterprise Edition + SP1 (32-bit)
 Compiler: Intel C++ Compiler 9.1
 Build 20060519Z (for 32-bit applications),
 Microsoft Visual Studio .NET 7.0.9466 (for libraries),
 MicroQuill SmartHeap for SMP Library 8.0
 File System: NTFS
 System State: Default

Notes/Tuning Information

PORTABILITY FLAGS

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

GENERAL

+FDO: PASS1=-Qprof_gen PASS2=-Qprof_use

Base tuning flags

```
for C programs: -fast +FDO sh1SMPMt.lib
for C++ programs: -fast -Qcxx_features +FDO
```

EXTRA LIBRARIES

MicroQuill SmartHeap for SMP Library 8.0 available from
<http://www.microquill.com/>