



CINT2000 Result

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Itaotec

Servidor Itaotec MX201 (Intel Xeon 5160 processor, 3.00GHz)

SPECint_rate2000 = 61.9

SPECint_rate_base2000 = 61.9

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.zip	2	76.8	42.3	2	76.8	42.3
175.vpr	2	74.6	43.6	2	74.6	43.6
176.gcc	2	40.1	63.7	2	40.1	63.7
181.mcf	2	81.2	51.4	2	81.2	51.4
186.crafty	2	36.6	63.5	2	36.6	63.5
197.parser	2	81.5	51.3	2	81.5	51.3
252.eon	2	33.8	89.3	2	33.8	89.3
253.perlbnk	2	54.4	76.7	2	54.4	76.7
254.gap	2	41.5	61.5	2	41.5	61.5
255.vortex	2	43.3	102	2	43.3	102
256.bzip2	2	73.7	47.2	2	73.7	47.2
300.twolf	2	88.3	78.8	2	88.3	78.8

Hardware

CPU: Intel Xeon 5160 processor (3.00 GHz, 4MB L2 shared, 1333 MHz system bus)
CPU MHz: 3000
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 -QxP +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/>