



CINT2000 Result

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Itaotec

Servidor Itaotec MX201 (Intel Xeon 5110 processor, 1.86GHz)

SPECint_rate2000 = 36.5

SPECint_rate_base2000 = 36.5

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

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.zip	2	142	22.9	2	142	22.9
175.vpr	2	121	26.8	2	121	26.8
176.gcc	2	61.1	41.8	2	61.1	41.8
181.mcf	2	106	39.5	2	106	39.5
186.crafty	2	68.0	34.1	2	68.0	34.1
197.parser	2	142	29.4	2	142	29.4
252.eon	2	62.9	47.9	2	62.9	47.9
253.perlbnk	2	97.8	42.7	2	97.8	42.7
254.gap	2	66.9	38.2	2	66.9	38.2
255.vortex	2	70.8	62.2	2	70.8	62.2
256.bzip2	2	129	27.0	2	129	27.0
300.twolf	2	165	42.2	2	165	42.2

Hardware

CPU: Intel Xeon 5110 processor (1.60 GHz, 4MB L2 shared, 1333 MHz system bus)
CPU MHz: 1600
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: 4096KB(I+D) on chip, per chip, shared
L3 Cache: N/A
Other Cache: N/A
Memory: 8x1GB DDR2-RAM PC2-5300F (CAS 5-5-5)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.crafy: -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/>