



CINT2000 Result

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Itaotec

Servidor Itaotec MX201 (Intel Xeon 5120 processor, 1.86GHz)

SPECint_rate2000 = 40.8

SPECint_rate_base2000 = 40.8

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

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	2	123	26.4	2	123	26.4
175.vpr	2	108	30.1	2	108	30.1
176.gcc	2	57.0	44.8	2	57.0	44.8
181.mcf	2	102	40.8	2	102	40.8
186.crafty	2	57.9	40.1	2	57.9	40.1
197.parser	2	133	31.3	2	133	31.3
252.eon	2	54.1	55.7	2	54.1	55.7
253.perlbnk	2	85.7	48.7	2	85.7	48.7
254.gap	2	60.8	42.0	2	60.8	42.0
255.vortex	2	63.3	69.6	2	63.3	69.6
256.bzip2	2	118	29.5	2	118	29.5
300.twolf	2	141	49.5	2	141	49.5

Hardware

CPU: Intel Xeon 5120 processor (1.86 GHz, 4MB L2 shared, 1066 MHz system bus)
CPU MHz: 1860
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: 14GB (7x2GB DDR2-RAM PC2-5300 FB-DIMM CL5 ECC)
Disk Subsystem: 1 x 120GB Serial ATA 7200 RPM
Other Hardware: None

Software

Operating System: Windows Server 2003 Enterprise Edition + SP1 (32-bit)
Compiler: Intel C++ Compiler 9.1
Build 20060323Z (for 32-bit applications),
Microsoft Visual Studio 2005(for libraries),
Microquill SmartHeap Library for SMP v.8.0
File System: NTFS
System State: Default

Notes/Tuning Information

PORTABILITY FLAGS

```
176.gcc: -Dalloca=_alloca /F10000000
186.crafty: -DNT_i386
252.eon: -DHAS_ERRLIST
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 shlsmpmt.lib
for C++ programs: -fast -Qcxx_features +FDO
```

BIOS settings default.

EXTRA LIBRARIES

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