



CINT2000 Result

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Itautec

Servidor Itautec LX211 (Intel Xeon 5110 processor, 1.60GHz)

SPECint_rate2000 = 68.2

SPECint_rate_base2000 = 68.2

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

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	4	144	45.0	4	144	45.0
175.vpr	4	131	49.5	4	131	49.5
176.gcc	4	66.1	77.2	4	66.1	77.2
181.mcf	4	139	60.2	4	139	60.2
186.crafy	4	67.5	68.7	4	67.5	68.7
197.parser	4	155	54.0	4	155	54.0
252.eon	4	62.5	96.5	4	62.5	96.5
253.perlbnk	4	101	82.8	4	101	82.8
254.gap	4	77.9	65.5	4	77.9	65.5
255.vortex	4	74.7	118	4	74.7	118
256.bzip2	4	139	50.0	4	139	50.0
300.twolf	4	164	84.8	4	164	84.8

Hardware

CPU: Intel Xeon 5110 processor (1.60 GHz, 4MB L2 shared, 1066 MHz system bus)
CPU MHz: 1600
FPU: Integrated
CPU(s) enabled: 4 cores, 2 chips, 2 cores/chip
CPU(s) orderable: 1,2
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: 6x2GB DDR2-RAM PC2-5300F (CAS 5-5-5)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 20060519Z (for 32-bit applications),
Microsoft Visual Studio 2005(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
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 -QxP +FDO shlsMPMt.lib
for C++ programs: -fast -Qcxx_features +FDO

EXTRA LIBRARIES

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