



CINT2000 Result

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Itaotec

Servidor Itaotec LR100, AMD Opteron (TM) 1218 processor

SPECint_rate2000 = 36.2

SPECint_rate_base2000 = 36.2

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

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.zip	2	98.6	32.9	2	98.6	32.9
175.vpr	2	120	27.1	2	120	27.1
176.gcc	2	60.1	42.4	2	60.1	42.4
181.mcf	2	268	15.6	2	268	15.6
186.crafy	2	58.9	39.4	2	58.9	39.4
197.parser	2	123	34.0	2	123	34.0
252.eon	2	41.4	72.8	2	41.4	72.8
253.perlbnk	2	97.2	43.0	2	97.2	43.0
254.gap	2	64.1	39.8	2	64.1	39.8
255.vortex	2	82.6	53.4	2	82.6	53.4
256.bzip2	2	133	26.2	2	133	26.2
300.twolf	2	189	36.8	2	189	36.8

Hardware

CPU: AMD Opteron (TM) 1218 processor
CPU MHz: 2600
FPU: Integrated
CPU(s) enabled: 2 cores, 1 chip, 2 cores/chip
CPU(s) orderable: 1
Parallel: No
Primary Cache: 64 KB I + 64 KB D on chip per core
Secondary Cache: 1 MB (I+D) on chip, per core
L3 Cache: N/A
Other Cache: N/A
Memory: 4x512MB DDR2-RAM PC2-4200 (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 .NET 7.0.9466 (for libraries)
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 -arch:SSE2 -Oi- +FDO
for C++ programs: -fast -arch:SSE2 -Qcxx_features +FDO

BIOS settings default.