



CINT2000 Result

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Dell

PowerEdge 1950 (Intel Xeon processor 5120, 1.86GHz)

SPECint_rate2000 = 82.0

SPECint_rate_base2000 = 82.1

SPEC license #: 55 | Tested by: Dell, Round Rock, TX | Test date: May-2006 | Hardware Avail: Jul-2006 | Software Avail: May-2006

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	4	123	52.9	4	123	52.8
175.vpr	4	110	59.2	4	108	60.1
176.gcc	4	54.1	94.4	4	54.1	94.4
181.mcf	4	111	75.5	4	111	75.5
186.crafty	4	58.8	79.0	4	58.8	78.9
197.parser	4	126	66.2	4	127	65.8
252.eon	4	53.3	113	4	53.3	113
253.perlbnk	4	80.9	103	4	80.9	103
254.gap	4	61.6	82.8	4	61.4	83.1
255.vortex	4	64.2	137	4	64.2	137
256.bzip2	4	113	61.4	4	117	59.4
300.twolf	4	141	98.8	4	141	98.8

Hardware

CPU: Intel Xeon processor 5120 (1066MHz system bus)
 CPU MHz: 1866
 FPU: Integrated
 CPU(s) enabled: 4 cores, 2 chips, 2 cores/chip
 CPU(s) orderable: 1,2
 Parallel: No
 Primary Cache: 32KB(I) + 32KB(D) on chip, per core
 Secondary Cache: 4096KB(I+D) on chip, shared
 L3 Cache: N/A
 Other Cache: N/A
 Memory: 8 x 1GB 667MHz ECC CL5 DDR2 FB-DIMM
 Disk Subsystem: 1 x 80GB SATA 7200 RPM
 Other Hardware: None

Software

Operating System: Microsoft Windows Server 2003 Enterprise x64 Edition + SP1 (64-bit)
 Compiler: Intel C++ Compiler 9.1 for IA32(20060323Z)
 Microsoft Visual Studio .NET 2003(7.1.3088)
 MicroQuill SmartHeap Library 8.0
 File System: NTFS
 System State: Default

Notes/Tuning Information

GENERAL

ONESTEP=yes
 +FDO: PASS1=-Qprof_gen PASS2=-Qprof_use

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

BASE TUNING

C: -fast +FDO shlw32m.lib
 C++: -fast -Qcxx_features +FDO

PEAK TUNING

164.gzip: -fast +FDO
 175.vpr: -fast +FDO
 176.gcc: basepeak=yes
 181.mcf: basepeak=yes
 186.crafty: -fast -Oa +FDO shlw32m.lib
 197.parser: -fast +FDO
 252.eon: -fast +FDO
 253.perlbnk: basepeak=yes



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Notes/Tuning Information (Continued)

```
254.gap:      -fast +FDO
255.vortex    basepeak=yes
256.bzip2:    -fast -Qunroll11 -Oa +FDO
300.twolf:    basepeak=yes
BIOS SETTINGS
Snoop Filter enabled in BIOS
```