



CINT2000 Result

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Dell
PowerEdge 1950 (Intel Xeon processor 5060, 3.20GHz)

SPECint2000 = **1579**
SPECint_base2000 = **1578**

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	1000 2000 3000 4000			
164.gzip	1400	126	1113	127	1099	[Bar chart showing ratio 1099]			
175.vpr	1400	131	1065	130	1073	[Bar chart showing ratio 1073]			
176.gcc	1100	57.6	1910	57.6	1910	[Bar chart showing ratio 1910]			
181.mcf	1800	102	1760	102	1760	[Bar chart showing ratio 1760]			
186.crafty	1000	82.9	1206	82.9	1207	[Bar chart showing ratio 1207]			
197.parser	1800	135	1338	134	1341	[Bar chart showing ratio 1341]			
252.eon	1300	59.8	2174	59.6	2182	[Bar chart showing ratio 2182]			
253.perlbmk	1800	93.4	1928	93.4	1928	[Bar chart showing ratio 1928]			
254.gap	1100	61.1	1801	60.9	1807	[Bar chart showing ratio 1807]			
255.vortex	1900	74.5	2550	74.5	2550	[Bar chart showing ratio 2550]			
256.bzip2	1500	128	1174	128	1174	[Bar chart showing ratio 1174]			
300.twolf	3000	182	1646	182	1646	[Bar chart showing ratio 1646]			

Hardware

CPU: Intel Xeon processor 5060 (1066MHz system bus)
 CPU MHz: 3200
 FPU: Integrated
 CPU(s) enabled: 4 cores, 2 chips, 2 cores/chip (Hyper-Threading Technology enabled)
 CPU(s) orderable: 1,2
 Parallel: No
 Primary Cache: 12K(I) micro-ops + 16KB(D) on chip, per core
 Secondary Cache: 2048KB(I+D) on chip, per core
 L3 Cache: N/A
 Other Cache: N/A
 Memory: 8 x 1GB 533MHz ECC CL4 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.perlbmk: -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.perlbmk: 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