



CINT2000 Result

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Dell
PowerEdge 1950 (Intel Xeon processor 5110, 1.60GHz)

SPECint2000 = 1721
SPECint_base2000 = 1719

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	1000 2000 3000 4000			
164.gzip	1400	141	995	141	994	[Bar chart showing ratio]			
175.vpr	1400	110	1278	108	1300	[Bar chart showing ratio]			
176.gcc	1100	56.5	1948	56.5	1948	[Bar chart showing ratio]			
181.mcf	1800	65.3	2757	65.3	2757	[Bar chart showing ratio]			
186.crafty	1000	68.5	1459	68.6	1457	[Bar chart showing ratio]			
197.parser	1800	134	1343	134	1345	[Bar chart showing ratio]			
252.eon	1300	62.1	2092	62.2	2091	[Bar chart showing ratio]			
253.perlbmk	1800	90.9	1980	90.9	1980	[Bar chart showing ratio]			
254.gap	1100	63.6	1730	63.3	1738	[Bar chart showing ratio]			
255.vortex	1900	65.5	2903	65.5	2903	[Bar chart showing ratio]			
256.bzip2	1500	116	1295	116	1292	[Bar chart showing ratio]			
300.twolf	3000	163	1843	163	1843	[Bar chart showing ratio]			

Hardware

CPU: Intel Xeon processor 5110 (1066MHz 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: 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.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