



CINT2000 Result

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Dell
PowerEdge 1955 (Intel Xeon processor 5150, 2.66GHz)

SPECint2000 = **2723**
SPECint_base2000 = **2718**

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	
164.gzip	1400	85.1	1644	85.2	1643	
175.vpr	1400	70.7	1981	69.4	2018	
176.gcc	1100	38.9	2827	38.9	2827	
181.mcf	1800	46.1	3905	46.1	3905	
186.crafty	1000	41.1	2432	41.2	2429	
197.parser	1800	82.1	2192	81.9	2198	
252.eon	1300	37.3	3488	37.3	3486	
253.perlbmk	1800	55.4	3251	55.4	3251	
254.gap	1100	41.6	2647	41.4	2660	
255.vortex	1900	42.0	4522	42.0	4522	
256.bzip2	1500	73.9	2031	74.0	2027	
300.twolf	3000	97.6	3073	97.6	3073	

Hardware

CPU: Intel Xeon processor 5150 (1333MHz system bus)
CPU MHz: 2666
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 73GB SAS 10000 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