



CINT2000 Result

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Bull
Express5800-120Rh-2 (3.6GHz Intel Xeon)

SPECint2000 = 1727
SPECint_base2000 = 1727

SPEC license #: 20 Tested by: Bull Test date: May-2006 Hardware Avail: Dec-2005 Software Avail: Mar-2006

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	1000 2000 3000 4000			
164.gzip	1400	118	1187	118	1187	[Bar chart showing ratio]			
175.vpr	1400	119	1173	119	1173	[Bar chart showing ratio]			
176.gcc	1100	53.1	2071	53.1	2071	[Bar chart showing ratio]			
181.mcf	1800	96.9	1857	96.9	1857	[Bar chart showing ratio]			
186.crafty	1000	74.4	1344	74.4	1344	[Bar chart showing ratio]			
197.parser	1800	123	1464	123	1464	[Bar chart showing ratio]			
252.eon	1300	57.5	2261	57.5	2261	[Bar chart showing ratio]			
253.perlbmk	1800	84.0	2142	84.0	2142	[Bar chart showing ratio]			
254.gap	1100	57.3	1919	57.3	1919	[Bar chart showing ratio]			
255.vortex	1900	62.6	3035	62.6	3035	[Bar chart showing ratio]			
256.bzip2	1500	116	1294	116	1294	[Bar chart showing ratio]			
300.twolf	3000	164	1832	164	1832	[Bar chart showing ratio]			

Hardware

CPU: Intel Xeon Processor (3.6GHz, 2MB L2, 800MHz bus)
 CPU MHz: 3600
 FPU: Integrated
 CPU(s) enabled: 1 core, 1 chip, 1 core/chip (Hyper-Threading Technology disabled)
 CPU(s) orderable: 1 to 2
 Parallel: No
 Primary Cache: 12KB(I) micro-ops + 16KB(D) on chip
 Secondary Cache: 2048KB(I+D) on chip
 L3 Cache: N/A
 Other Cache: N/A
 Memory: 4GB (1GB DIMMx4, DDR2-400 2-way interleaved, CL3)
 Disk Subsystem: 2x73GB SCSI 10000 rpm
 Other Hardware:

Software

Operating System: Windows Server 2003 Enterprise Edition (32 bits), Service Pack 1
 Compiler: Intel(R) C++ Compiler for 32-bit app., Version 9.0, - Build 20060222Z Package ID: W_CC_C_9.0.030
 Microsoft Visual Studio .NET 2003 (for libraries)
 MicroQuill SmartHeap Library 8.0 (shlW32M.lib)
 File System: NTFS
 System State: Default

Notes/Tuning Information

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

Feedback optimization:

+FDO: PASS1= -Qprof_gen PASS2= -Qprof_use

Baseline Tuning Flags:

for C programs:
 -fast +FDO ONESTEP=yes shlW32M.lib
 for C++ program 252.eon:
 -fast -Qcxx_features +FDO ONESTEP=yes

Peak Tuning Flags: Basepeak=yes

Other Configuration Notes

/NUMPROC=1 flag was added to boot.ini to invoke uniprocessor environment



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Notes/Tuning Information (Continued)

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<http://www.bull.com>