



CINT2000 Result

Copyright ©1999-2005, Standard Performance Evaluation Corporation

Hewlett-Packard Company
ProLiant ML370 G5 (3.0GHz, Intel Xeon processor 5160)

SPECint2000 = **3039**
SPECint_base2000 = **3022**

SPEC license #: 3 Tested by: Hewlett-Packard Company Test date: May-2006 Hardware Avail: Jun-2006 Software Avail: May-2006

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	
164.gzip	1400	75.8	1848	75.7	1849	
175.vpr	1400	65.3	2144	62.6	2237	
176.gcc	1100	35.8	3070	35.8	3070	
181.mcf	1800	39.1	4599	39.1	4601	
186.crafty	1000	36.3	2755	36.3	2753	
197.parser	1800	73.4	2452	73.1	2462	
252.eon	1300	33.2	3917	33.2	3919	
253.perlbmk	1800	50.1	3592	50.0	3599	
254.gap	1100	38.6	2851	37.9	2904	
255.vortex	1900	38.8	4901	38.8	4903	
256.bzip2	1500	66.5	2257	66.5	2257	
300.twolf	3000	86.8	3457	86.8	3457	

Hardware

CPU: Intel Xeon processor 5160 (3.0GHz, 4MB L2 shared, 1333MHz bus)
CPU MHz: 3000
FPU: Integrated
CPU(s) enabled: 2 cores, 1 chip, 2 cores/chip
CPU(s) orderable: 1,2 chips
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: 8x2048MB PC2-5300F
Disk Subsystem: 1x36GB SAS
Other Hardware:

Software

Operating System: Windows Server 2003 Enterprise SP1
Compiler: Intel C++ Compiler for 32-bit applications, (Version 9.1 Build 20060323Z)
Microsoft Visual Studio .NET 7.0.9466 (for libraries)
MicroQuill Smartheap Library 7.0
File System: NTFS
System State: Default

Notes/Tuning Information

+FDO: PASS1=-Qprof_gen PASS2=-Qprof_use

Base tuning for C programs: -fast +FDO ONESTEP=yes shlw32M.lib

Base tuning for C++ programs: -fast -Qcxx_features +FDO

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

Peak tuning:

164.gzip: -fast +FDO ONESTEP=yes

175.vpr: -fast +FDO ONESTEP=yes

176.gcc: basepeak = 1

181.mcf: -fast +FDO ONESTEP=yes shlw32M.lib

186.crafty: -fast -Oa +FDO ONESTEP=yes shlw32M.lib

197.parser: -fast +FDO ONESTEP=yes

252.eon: -fast +FDO

253.perlbmk: -fast -Oa +FDO ONESTEP=yes shlw32M.lib

254.gap: -fast +FDO ONESTEP=yes

255.vortex: -fast +FDO ONESTEP=yes shlw32M.lib



CINT2000 Result

Copyright ©1999-2005, Standard Performance Evaluation Corporation

Hewlett-Packard Company
ProLiant ML370 G5 (3.0GHz, Intel Xeon processor 5160)

SPECint2000 =	3039
SPECint_base2000 =	3022

SPEC license #:	3	Tested by:	Hewlett-Packard Company	Test date:	May-2006	Hardware Avail:	Jun-2006	Software Avail:	May-2006
-----------------	---	------------	-------------------------	------------	----------	-----------------	----------	-----------------	----------

Notes/Tuning Information (Continued)

256.bzip2: basepeak=1
300.twolf: -fast +FDO shlw32M.lib
BIOS Configuration Notes
Adjacent Sector Prefetch was disabled