



CINT2000 Result

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Hewlett-Packard Company
ProLiant DL580 G3 (3.66GHz, Intel Xeon)

SPECint2000 = 1398
SPECint_base2000 = 1388

SPEC license #: 3 Tested by: Hewlett-Packard Company Test date: Jun-2005 Hardware Avail: Jun-2005 Software Avail: May-2005

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	
164.gzip	1400	116	1210	116	1209	
175.vpr	1400	184	759	177	792	
176.gcc	1100	64.6	1703	64.6	1703	
181.mcf	1800	206	874	206	874	
186.crafty	1000	75.2	1329	75.1	1332	
197.parser	1800	146	1235	145	1240	
252.eon	1300	57.4	2265	57.0	2281	
253.perlbmk	1800	93.1	1933	91.1	1976	
254.gap	1100	66.1	1663	65.8	1672	
255.vortex	1900	86.6	2193	86.7	2193	
256.bzip2	1500	179	836	179	839	
300.twolf	3000	175	1714	176	1709	

Hardware

CPU: Intel Xeon MP (3.66GHz, 1MB L2, 667MHz bus)
CPU MHz: 3666
FPU: Integrated
CPU(s) enabled: 1 core, 1 chip, 1 core/chip (Hyper-Threading Technology disabled)
CPU(s) orderable: 1,2,4
Parallel: No
Primary Cache: 12K micro-ops I + 16KBD on chip
Secondary Cache: 1024KB(I+D) on chip
L3 Cache: N/A
Other Cache: N/A
Memory: 16x2048MB DDR2-400
Disk Subsystem: 1x36.4GB 15K Ultra320 SCSI
Other Hardware:

Software

Operating System: Windows Server 2003 Enterprise (Build 3790)
Compiler: Intel C++ Compiler for 32-bit applications, Version 8.1 Build 20050524Z, 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



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SPECint2000 =	1398
SPECint_base2000 =	1388

SPEC license #:	3	Tested by:	Hewlett-Packard Company	Test date:	Jun-2005	Hardware Avail:	Jun-2005	Software Avail:	May-2005
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Notes/Tuning Information (Continued)

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256.bzip2:          -fast -Oa -Qunroll11 +FDO  ONESTEP=yes shlw32M.lib
300.twolf:          -fast                               +FDO          shlw32M.lib
BIOS Configuration Notes
Hyper-Threading Technology disabled
```