



CINT2000 Result

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Hewlett-Packard Company
ProLiant DL140 G3 (3.0 GHz, Intel Xeon processor 5160)

SPECint2000 = **3058**
SPECint_base2000 = **3050**

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	2000 4000 6000 8000			
164.gzip	1400	75.5	1854	75.3	1858	[Bar chart showing ratio]			
175.vpr	1400	65.0	2154	62.9	2224	[Bar chart showing ratio]			
176.gcc	1100	33.7	3264	33.7	3264	[Bar chart showing ratio]			
181.mcf	1800	42.2	4265	42.2	4262	[Bar chart showing ratio]			
186.crafty	1000	36.5	2743	36.5	2741	[Bar chart showing ratio]			
197.parser	1800	73.8	2440	73.5	2448	[Bar chart showing ratio]			
252.eon	1300	32.8	3958	33.0	3943	[Bar chart showing ratio]			
253.perlbmk	1800	49.5	3639	49.6	3627	[Bar chart showing ratio]			
254.gap	1100	36.6	3002	36.5	3011	[Bar chart showing ratio]			
255.vortex	1900	38.5	4939	38.5	4935	[Bar chart showing ratio]			
256.bzip2	1500	63.6	2358	63.6	2358	[Bar chart showing ratio]			
300.twolf	3000	86.9	3454	86.9	3453	[Bar chart showing ratio]			

Hardware

CPU: Intel Xeon processor 5160 (1333 MHz system 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: 32 KB I + 32 KB D on chip per core
Secondary Cache: 4 MB I+D on chip per chip
L3 Cache: N/A
Other Cache: N/A
Memory: 8 GB (8 x 1 GB PC2-5300F)
Disk Subsystem: 2 x 36 GB 15 K SAS
Other Hardware:

Software

Operating System: Windows Server 2003 Enterprise SP1
Compiler: Intel C++ Compiler for 32-bit applications, (version 9.1 Build 20060816Z) Microsoft Visual Studio .NET 7.0.9466 (for libraries) MicroQuill Smartheap Library 8.0
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
256.bzip2: basepeak=1
```



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SPECint2000 = 3058
SPECint_base2000 = 3050

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Notes/Tuning Information (Continued)

300.twolf: -fast +FDO shlw32M.lib