



# CINT2000 Result

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**Hewlett-Packard Company**  
ProLiant DL140 G3 (1.6GHz, Intel Xeon processor 5110)

SPECint\_rate2000 = --  
SPECint\_rate\_base2000 = 67.4

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

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	4	150	43.3			
175.vpr	4	127	51.2			
176.gcc	4	78.5	65.0			
181.mcf	4	130	64.0			
186.crafty	4	54.6	85.0			
197.parser	4	171	48.8			
252.eon	4	62.0	97.3			
253.perlbnk	4	100	83.2			
254.gap	4	81.6	62.6			
255.vortex	4	82.5	107			
256.bzip2	4	126	55.1			
300.twolf	4	182	76.6			

### Hardware

CPU: Intel Xeon processor 5110 (1.6GHz, 4MB L2 shared, 1066MHz bus)  
CPU MHz: 1600  
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: 16 GB (8x2048 PC2-5300F)  
Disk Subsystem: 1x146GB SATA  
Other Hardware:

### Software

Operating System: SuSE Linux Enterprise Server 9 (x86\_64) SP3  
SuSE kernel 2.6.5-7.244-smp  
Compiler: Intel C++ Compiler for EM64T-based applications,  
(Version 9.1 Build 20060323)  
File System: ext2  
System State: Default

## Notes/Tuning Information

```
+FDO: PASS1=-prof_gen PASS2=-prof_use
Base tuning for C programs: -fast -auto_ilp32 +FDO ONESTEP=yes
Base tuning for C++ programs: -fast
Portability flags:
-DSPEC_CPU2000_LP64 applied to all benchmarks
176.gcc: -Dalloca=_alloca -DUSG
186.crafty: -DLINUX_i386
252.eon: -DHAS_ERRLIST
253.perlbnk: -DSPEC_CPU2000_LINUX_I386 -DSPEC_CPU2000_NEED_BOOL -DSPEC_CPU2000_GLIBC22
254.gap: -DSYS_IS_USG -DSYS_HAS_IOCTL_PROTO -DSYS_HAS_TIME_PROTO
-DSYS_HAS_SIGNAL_PROTO -DSYS_HAS_ANSI -DSYS_HAS_CALLOC_PROTO
```