



# CINT2000 Result

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**Hewlett-Packard Company**  
ProLiant BL460c (2.66GHz, Intel Xeon processor 5150)

SPECint\_rate2000 = 106  
SPECint\_rate\_base2000 = 106

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

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	4	90.8	71.5	4	90.8	71.5
175.vpr	4	81.0	80.2	4	81.0	80.2
176.gcc	4	47.3	108	4	47.3	108
181.mcf	4	94.3	88.6	4	94.3	88.6
186.crafty	4	32.5	143	4	32.5	143
197.parser	4	109	76.5	4	109	76.5
252.eon	4	36.4	166	4	36.4	166
253.perlbnk	4	62.1	135	4	62.1	135
254.gap	4	58.8	86.8	4	58.8	86.8
255.vortex	4	53.9	164	4	53.9	164
256.bzip2	4	87.2	79.8	4	87.2	79.8
300.twolf	4	109	128	4	109	128

### Hardware

CPU: Intel Xeon processor 5150 (2.66 GHz, 4 MB L2 shared, 1333 MHz bus)  
CPU MHz: 2660  
FPU: Integrated  
CPU(s) enabled: 4 cores, 2 chips, 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 (8x1 GB PC2-5300F)  
Disk Subsystem: 2x72 GB 10 K SAS  
Other Hardware:

### Software

Operating System: RedHat Enterprise Linux 4.0 Advanced Server for AMD64/EM64T, Update 3 Kernel 2.6.9-34.ELsmp  
Compiler: Intel C++ Compiler for EM64T-based applications, (Version 9.1 Build 20060323)  
Intel Fortran Compiler for EM64T-based applications, (Version 9.1 Build 20060323)  
File System: ext2  
System State: Multi-user run level 3

## 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
186.crafty: -DLINUX_i386
252.eon: -DHAS_ERRLIST
253.perlbnk: -DSPEC_CPU2000_LINUX_I386 -DSPEC_CPU2000_NEED_BOOL
254.gap: -DSYS_IS_USG
Peak tuning:
basepeak=1 for all modules
BIOS Configuration Notes
Power Regulator set to Static High Performance Mode
Adjacent Sector Prefetch disabled
```