



# CINT2000 Result

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**Hewlett-Packard Company**  
ProLiant BL460c (3.0 GHz, Intel Xeon processor 5160)

SPECint\_rate2000 = 60.1  
SPECint\_rate\_base2000 = 60.1

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.zip	2	80.4	40.4	2	80.4	40.4
175.vpr	2	71.2	45.6	2	71.2	45.6
176.gcc	2	42.3	60.3	2	42.3	60.3
181.mcf	2	81.5	51.2	2	81.5	51.2
186.crafty	2	28.8	80.5	2	28.8	80.5
197.parser	2	97.1	43.0	2	97.1	43.0
252.eon	2	32.2	93.6	2	32.2	93.6
253.perlbnk	2	55.3	75.6	2	55.3	75.6
254.gap	2	50.3	50.7	2	50.3	50.7
255.vortex	2	49.0	90.0	2	49.0	90.0
256.bzip2	2	74.8	46.6	2	74.8	46.6
300.twolf	2	93.0	74.8	2	93.0	74.8

### Hardware

CPU: Intel Xeon processor 5160 (3.0 GHz, 4 MB L2 shared, 1333 MHz 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 (8x1 GB PC2-5300F)  
Disk Subsystem: 1x36 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.EL.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
  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
  Adjacent Sector Prefetch disabled
Other Configuration Notes
```