



# CINT2000 Result

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**Hewlett-Packard Company**  
ProLiant ML350 G5 (2.0 GHz, Intel Xeon processor 5130)

SPECint\_rate2000 = --  
SPECint\_rate\_base2000 = 81.0

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

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	4	120	54.1			
175.vpr	4	103	63.2			
176.gcc	4	60.1	84.9			
181.mcf	4	121	68.9			
186.crafty	4	43.3	107			
197.parser	4	145	57.6			
252.eon	4	49.0	123			
253.perlbnk	4	80.5	104			
254.gap	4	81.9	62.3			
255.vortex	4	66.8	132			
256.bzip2	4	110	63.2			
300.twolf	4	142	97.8			

### Hardware

CPU: Intel Xeon processor 5130 (1333 MHz system bus)  
 CPU MHz: 2000  
 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 (4x2 GB PC2-5300F)  
 Disk Subsystem: 1 x 36 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: 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 ONESTEP=yes
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
BIOS Configuration Notes
Power Regulator set to Static High
```