



# CINT2000 Result

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**Hewlett-Packard Company**  
ProLiant BL10e G2 (1.0GHz, ULV Intel Pentium M)

SPECint\_rate2000 = **7.98**  
SPECint\_rate\_base2000 = **7.82**

SPEC license #: 3 | Test date: Jul-2003 | Hardware Avail: Jul-2003 | Software Avail: Jun-2003

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	1	240	6.78	1	237	6.86
175.vpr	1	238	6.81	1	232	7.01
176.gcc	1	131	9.76	1	130	9.84
181.mcf	1	392	5.33	1	391	5.34
186.crafty	1	146	7.97	1	146	7.92
197.parser	1	297	7.02	1	293	7.13
252.eon	1	197	7.65	1	170	8.90
253.perlbnk	1	241	8.66	1	231	9.03
254.gap	1	180	7.10	1	179	7.12
255.vortex	1	173	12.7	1	175	12.6
256.bzip2	1	283	6.16	1	274	6.35
300.twolf	1	328	10.6	1	339	10.3

### Hardware

CPU: ULV Intel Pentium M (1.0GHz, 400MHz bus)  
CPU MHz: 1000  
FPU: Integrated  
CPU(s) enabled: 1 core, 1 chip, 1 core/chip  
CPU(s) orderable: 1  
Parallel: No  
Primary Cache: 32KBI + 32KBD on chip  
Secondary Cache: 1024KB(I+D) on chip  
L3 Cache: N/A  
Other Cache: N/A  
Memory: 2x512MB PC2100  
Disk Subsystem: 1x40GB ATA  
Other Hardware:

### Software

Operating System: Windows 2000 Server(Build 2195 SP3)  
Compiler: Intel C++ Compiler 7.0 Build 20021028Z  
Microsoft Visual Studio Enterprise Edition 6.0(for libraries)  
MicroQuill Smartheap Library 6.03  
File System: NTFS  
System State: Default

## Notes/Tuning Information

```
+FDO: PASS1=-Qprof_gen PASS2=-Qprof_use
Base tuning for C programs: -QxW -Qipo +FDO shlw32m.lib
Base tuning for C++ programs: -Qipo -GX -GR +FDO
Portability flags:
176.gcc: -Dalloca=_alloca /F10000000
186.crafty: -DNT_i386
253.perlbnk: -DSPEC_CPU2000_NTOS -DPERLDLL /MT
254.gap: -DSYS_HAS_CALLOC_PROTO -DSYS_HAS_MALLOC_PROTO
Peak tuning:
164.gzip: -QxW -Qipo -O3 +FDO
175.vpr: -QxW -Qipo -O3 +FDO
176.gcc: -QxW -Qipo -O3 -Oi- +FDO shlw32M.lib
181.mcf: -Oa -Qipo +FDO shlw32M.lib
186.crafty: -QxW -Qipo -O3 +FDO
197.parser: -QxW -Qipo -Oa -O3 +FDO
252.eon: -QxW -Qipo -O3 +FDO
253.perlbnk: -Qipo -O3 -Oa +FDO shlw32M.lib
254.gap: -QxW -Qipo -O3 +FDO
255.vortex: -QxW -Qipo -O3 +FDO
256.bzip2: -Qunroll1 -Qipo -Oa +FDO
```



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## Notes/Tuning Information (Continued)

300.twolf: -Qxi -Qipo +FDO shlw32M.lib