



CINT2000 Result

Copyright ©1999-2004, Standard Performance Evaluation Corporation

Hewlett-Packard Company
ProLiant BL20p G2 (3.06GHz/1MB L3 cache, Intel Xeon)

SPECint2000 = 1256
SPECint_base2000 = 1205

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	500 1000 1500 2000			
164.gzip	1400	122	1146	115	1213	[Bar chart showing ratio bars for 164.gzip]			
175.vpr	1400	174	805	163	858	[Bar chart showing ratio bars for 175.vpr]			
176.gcc	1100	69.0	1594	66.7	1648	[Bar chart showing ratio bars for 176.gcc]			
181.mcf	1800	241	747	231	779	[Bar chart showing ratio bars for 181.mcf]			
186.crafty	1000	85.6	1169	85.2	1174	[Bar chart showing ratio bars for 186.crafty]			
197.parser	1800	159	1130	155	1159	[Bar chart showing ratio bars for 197.parser]			
252.eon	1300	97.7	1330	80.4	1616	[Bar chart showing ratio bars for 252.eon]			
253.perlbmk	1800	127	1421	122	1473	[Bar chart showing ratio bars for 253.perlbmk]			
254.gap	1100	73.9	1488	70.2	1568	[Bar chart showing ratio bars for 254.gap]			
255.vortex	1900	116	1641	119	1596	[Bar chart showing ratio bars for 255.vortex]			
256.bzip2	1500	160	940	154	975	[Bar chart showing ratio bars for 256.bzip2]			
300.twolf	3000	201	1491	206	1456	[Bar chart showing ratio bars for 300.twolf]			

Hardware

CPU: Intel Xeon (3.06GHz, 533MHz bus)
 CPU MHz: 3066
 FPU: Integrated
 CPU(s) enabled: 1 core, 1 chip, 1 core/chip (Hyper-Threading disabled)
 CPU(s) orderable: 1,2
 Parallel: No
 Primary Cache: 12K micro-ops I + 8KBD on chip
 Secondary Cache: 512KB(I+D) on chip
 L3 Cache: 1024KB(I+D) on chip
 Other Cache: N/A
 Memory: 2x1024MB PC2100
 Disk Subsystem: 2x18.2GB 15K Ultra3 SCSI
 Other Hardware:

Software

Operating System: Windows 2000 Server (Build 2195 SP3)
 Compiler: Intel C++ Compiler 7.1 Build 20030801Z
 Microsoft Visual Studio Enterprise Edition 6.0 (for libraries)
 MicroQuill Smartheap Library 7.0
 File System: NTFS
 System State: Hyperthreading disabled in BIOS

Notes/Tuning Information

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



CINT2000 Result

Copyright ©1999-2004, Standard Performance Evaluation Corporation

Hewlett-Packard Company
ProLiant BL20p G2 (3.06GHz/1MB L3 cache, Intel Xeon)

SPECint2000 =	1256
SPECint_base2000 =	1205

SPEC license #:	3	Tested by:	Hewlett-Packard Company, Houston TX	Test date:	Aug-2003	Hardware Avail:	Jul-2003	Software Avail:	Jun-2003
-----------------	---	------------	-------------------------------------	------------	----------	-----------------	----------	-----------------	----------

Notes/Tuning Information (Continued)

300.twolf: -Qxi -Qipo +FDO shlw32M.lib ONESTEP=yes