



CINT2000 Result

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Hewlett-Packard Company
ProLiant DL360 G3(3.06GHz, Intel Xeon)

SPECint_rate2000 = 27.1
SPECint_rate_base2000 = 25.1

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

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	2	125	25.9	2	118	27.6
175.vpr	2	192	16.9	2	179	18.1
176.gcc	2	107	23.9	2	70.7	36.1
181.mcf	2	359	11.6	2	359	11.6
186.crafty	2	85.3	27.2	2	85.0	27.3
197.parser	2	165	25.4	2	162	25.8
252.eon	2	96.0	31.4	2	81.0	37.3
253.perlbnk	2	129	32.4	2	124	33.8
254.gap	2	83.9	30.4	2	80.6	31.6
255.vortex	2	123	35.8	2	110	40.2
256.bzip2	2	175	19.9	2	172	20.2
300.twolf	2	206	33.9	2	209	33.3

Hardware

CPU: Intel Xeon (3.06GHz, 533MHz bus)
 CPU MHz: 3066
 FPU: Integrated
 CPU(s) enabled: 2 cores, 2 chips, 1 core/chip
 CPU(s) orderable: 1,2
 Parallel: No
 Primary Cache: 12KBI + 8KBD on chip
 Secondary Cache: 512KB(I+D) on chip
 L3 Cache: 1024KB(I+D) on chip
 Other Cache: N/A
 Memory: 4x512MB PC2100
 Disk Subsystem: 2x36.4GB U320 15K
 Other Hardware:

Software

Operating System: Windows 2000 Server (Build 2195 SP3)
 Compiler: Intel C++ Compiler 7.0 Build 20021028Z
 Microsoft Visual Studio .NET (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 ONESTEP
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