CINT2000 Result

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Hewlett-Packard Company

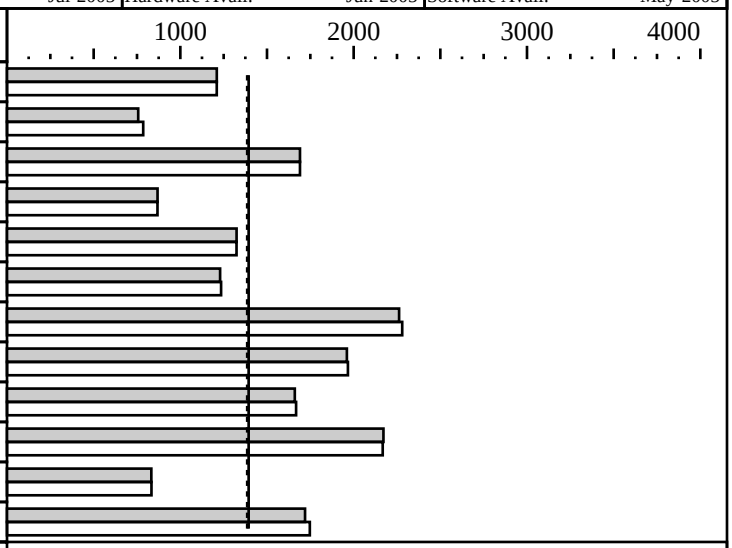
ProLiant ML570 G3 (3.66GHz, Intel Xeon MP)

SPECint2000 = 1394

SPECint_base2000 = 1386

SPEC license #: 3 | Tested by: Hewlett-Packard Company | Test date: Jul-2005 | Hardware Avail: Jun-2005 | Software Avail: May-2005

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
164.gzip	1400	116	1210	116	1210
175.vpr	1400	185	757	178	786
176.gcc	1100	65.1	1690	65.1	1690
181.mcf	1800	207	869	207	868
186.crafty	1000	75.5	1325	75.5	1324
197.parser	1800	146	1229	146	1235
252.eon	1300	57.5	2262	57.0	2280
253.perlbmk	1800	91.8	1961	91.5	1967
254.gap	1100	66.3	1660	66.0	1668
255.vortex	1900	87.5	2172	87.7	2168
256.bzip2	1500	180	833	180	833
300.twolf	3000	174	1720	172	1747



Hardware

CPU:	Intel Xeon MP (3.66GHz, 1MB L2, 667MHz bus)
CPU MHz:	3660
FPU:	Integrated
CPU(s) enabled:	1 core, 1 chip, 1 core/chip (Hyper-Threading Technology disabled)
CPU(s) orderable:	1,2,4
Parallel:	No
Primary Cache:	12K micro-ops I + 16KBD on chip
Secondary Cache:	1024KB(I+D) on chip
L3 Cache:	N/A
Other Cache:	N/A
Memory:	16x1024MB PC2-3200
Disk Subsystem:	1x36.4GB 15K Ultra320 SCSI
Other Hardware:	

Software

Operating System:	Windows Server 2003 Enterprise SP1
Compiler:	Intel C++ Compiler for 32-bit applications, (Version 8.1 Build 20050524Z) Microsoft Visual Studio .NET 7.0.9466 (for libraries) MicroQuill Smartheap Library 7.0
File System:	NTFS
System State:	Default

Notes/Tuning Information

```
+FDO: PASS1=-Qprof_gen  PASS2=-Qprof_use

Base tuning for C programs:   -fast         +FDO  ONESTEP=yes shlw32M.lib
Base tuning for C++ programs: -fast -Qcxx_features +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:    -fast               +FDO  ONESTEP=yes
  175.vpr:     -fast               +FDO  ONESTEP=yes
  176.gcc:     basepeak = 1
  181.mcf:     -fast               +FDO  ONESTEP=yes shlw32M.lib
  186.crafty:  -fast -Oa           +FDO  ONESTEP=yes shlw32M.lib
  197.parser:  -fast               +FDO  ONESTEP=yes
  252.eon:     -fast               +FDO
  253.perlbmk: -fast -Oa           +FDO  ONESTEP=yes shlw32M.lib
  254.gap:     -fast               +FDO  ONESTEP=yes
  255.vortex:  -fast               +FDO  ONESTEP=yes shlw32M.lib
```

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Notes/Tuning Information (Continued)

```
    256.bzip2:   -fast -Oa -Qunroll1 +FDO  ONESTEP=yes shlw32M.lib
    300.twolf:   -fast               +FDO              shlw32M.lib
  BIOS Configuration Notes
    Hyper-Threading Technology disabled
```