CINT2000 Result

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Hewlett-Packard Company

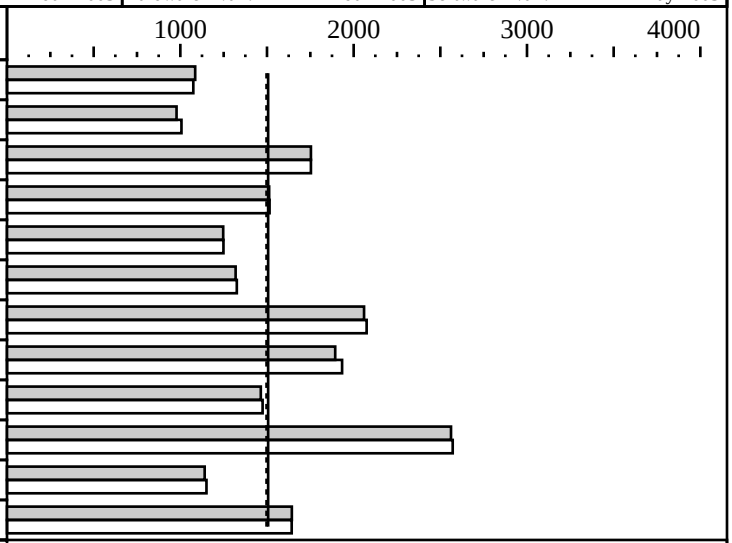
ProLiant DL580 G3 (3.333GHz, Intel Xeon)

SPECint2000 = 1507

SPECint_base2000 = 1497

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
164.gzip	1400	129	1086	130	1075
175.vpr	1400	143	978	139	1007
176.gcc	1100	62.7	1753	62.7	1753
181.mcf	1800	119	1512	119	1515
186.crafty	1000	80.2	1247	80.1	1249
197.parser	1800	136	1319	136	1326
252.eon	1300	63.1	2060	62.7	2075
253.perlbmk	1800	95.1	1894	93.1	1933
254.gap	1100	75.1	1464	74.6	1475
255.vortex	1900	74.2	2562	73.9	2571
256.bzip2	1500	132	1140	130	1151
300.twolf	3000	183	1643	183	1642



Hardware

CPU:	Intel Xeon MP (3.333GHz, 1MB L2, 8MB L3, 667MHz bus)
CPU MHz:	3333
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:	8192KB
Other Cache:	N/A
Memory:	16x2048MB DDR2-400
Disk Subsystem:	1x36.4GB 15K Ultra320 SCSI
Other Hardware:	

Software

Operating System:	Windows Server 2003 Enterprise (Build 3790)
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
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
```