CINT2000 Result

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Hewlett-Packard Company

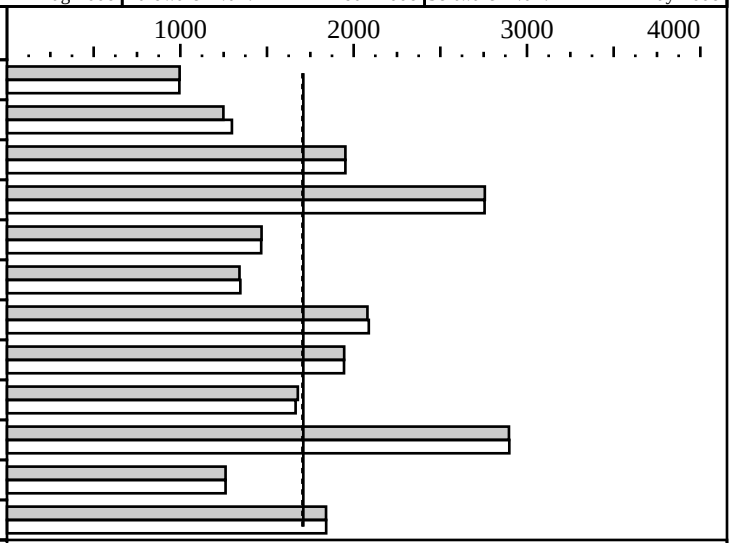
ProLiant ML370 G5 (1.60 GHz, Intel Xeon processor 5110)

SPECint2000 = 1710

SPECint_base2000 = 1704

SPEC license #: 3 | Tested by: Hewlett-Packard Company | Test date: Aug-2006 | Hardware Avail: Jun-2006 | Software Avail: May-2006

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
164.gzip	1400	141	996	141	994
175.vpr	1400	112	1248	108	1298
176.gcc	1100	56.3	1952	56.3	1952
181.mcf	1800	65.3	2757	65.3	2755
186.crafty	1000	68.1	1469	68.2	1467
197.parser	1800	134	1341	134	1346
252.eon	1300	62.5	2079	62.3	2087
253.perlbmk	1800	92.5	1945	92.6	1944
254.gap	1100	65.6	1678	66.1	1665
255.vortex	1900	65.6	2896	65.6	2898
256.bzip2	1500	119	1261	119	1261
300.twolf	3000	163	1841	163	1841



Hardware

CPU:	Intel Xeon processor 5110 (1.60 GHz, 4 MB L2 shared, 1066 MHz bus)
CPU MHz:	1600
FPU:	Integrated
CPU(s) enabled:	2 cores, 1 chip, 2 cores/chip
CPU(s) orderable:	1,2 chips
Parallel:	No
Primary Cache:	32 KB I + 32 KB D on chip per core
Secondary Cache:	4 MB I+D on chip per chip
L3 Cache:	N/A
Other Cache:	N/A
Memory:	8 GB (8x1024 MB PC2-5300F)
Disk Subsystem:	1x36 GB 10 K SAS
Other Hardware:	

Software

Operating System:	Windows Server 2003 Enterprise SP1
Compiler:	Intel C++ Compiler for 32-bit applications, (Version 9.1 Build 20060323Z) 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
  256.bzip2:    basepeak=1
```

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Notes/Tuning Information (Continued)

```
 300.twolf:    -fast                +FDO               shlw32M.lib
BIOS Configuration Notes
  Power Regulator set to Static High Performance Mode
```