CINT2000 Result

Copyright ©1999-2004, Standard Performance Evaluation Corporation

Hewlett-Packard Company

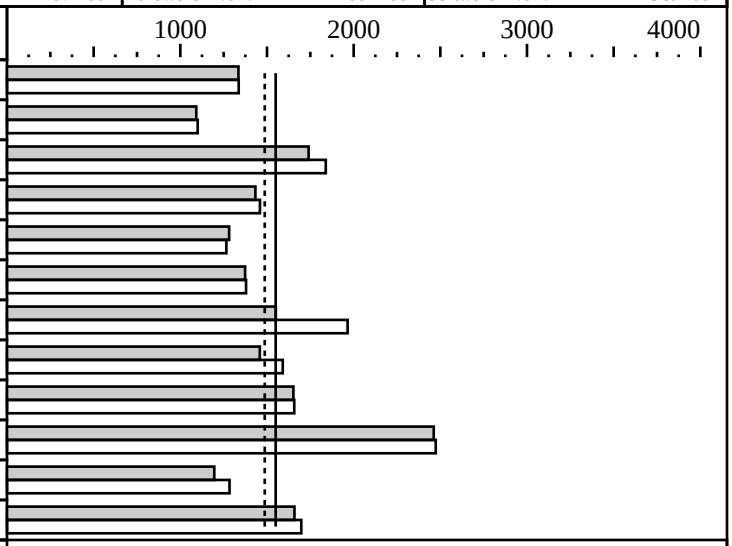
ProLiant BL30p (3.2GHz/2MB L3 cache, Intel Xeon)

SPECint2000 = 1550

SPECint_base2000 = 1487

SPEC license #: 3 | Tested by: Hewlett-Packard Company | Test date: Nov-2004 | Hardware Avail: Jul-2004 | Software Avail: Oct-2004

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
164.gzip	1400	105	1335	105	1337
175.vpr	1400	128	1092	127	1100
176.gcc	1100	63.2	1740	59.8	1839
181.mcf	1800	126	1433	123	1459
186.crafty	1000	78.0	1282	79.0	1266
197.parser	1800	131	1374	131	1379
252.eon	1300	83.8	1551	66.2	1965
253.perlbmk	1800	123	1459	113	1591
254.gap	1100	66.6	1652	66.4	1657
255.vortex	1900	77.2	2462	76.8	2474
256.bzip2	1500	125	1196	117	1284
300.twolf	3000	181	1658	177	1698



Hardware

CPU:	Intel Xeon (3.2GHz, 533MHz bus)
CPU MHz:	3200
FPU:	Integrated
CPU(s) enabled:	1 core, 1 chip, 1 core/chip (HT Technology 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:	2048KB(I+D) on chip
Other Cache:	N/A
Memory:	4x512MB PC2100
Disk Subsystem:	2x60GB ATA
Other Hardware:	

Software

Operating System:	Windows Server 2003 Standard (Build 3790)
Compiler:	Intel C++ Compiler 8.1 Build 20040802Z 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:   -QxN -Qipo -O3 +FDO 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:       -QxN -Qipo -Oa  -O3   +FDO ONESTEP=yes
  175.vpr:        -QxN -Qipo      -O3   +FDO ONESTEP=yes
  176.gcc:        -QxN -Qipo -Oi- -O3   +FDO ONESTEP=yes
  181.mcf:        -QxN -Qipo -O3        +FDO ONESTEP=yes shlw32M.lib
  186.crafty:     -QxN -Qipo -Oa  -O3   +FDO ONESTEP=yes shlw32M.lib
  197.parser:     -QxN -Qipo -O3        +FDO ONESTEP=yes
  252.eon:        -QxN -Qipo -O3        +FDO ONESTEP=yes
  253.perlbmk:         -Qipo -Oa  -O3   +FDO ONESTEP=yes shlw32M.lib
  254.gap:        -QxN -Qipo -O3        +FDO ONESTEP=yes
  255.vortex:     -QxN -Qipo -O3        +FDO ONESTEP=yes shlw32M.lib
  256.bzip2:      -Qunroll1  -Oa -Qipo  +FDO ONESTEP=yes
```

Copyright ©1999-2004, Standard Performance Evaluation Corporation

Notes/Tuning Information (Continued)

```
  300.twolf:      -QxN -Qipo -O3        +FDO ONESTEP=yes shlw32M.lib
BIOS Configuration Notes
  Hyper Threading disabled
```