CINT2000 Result

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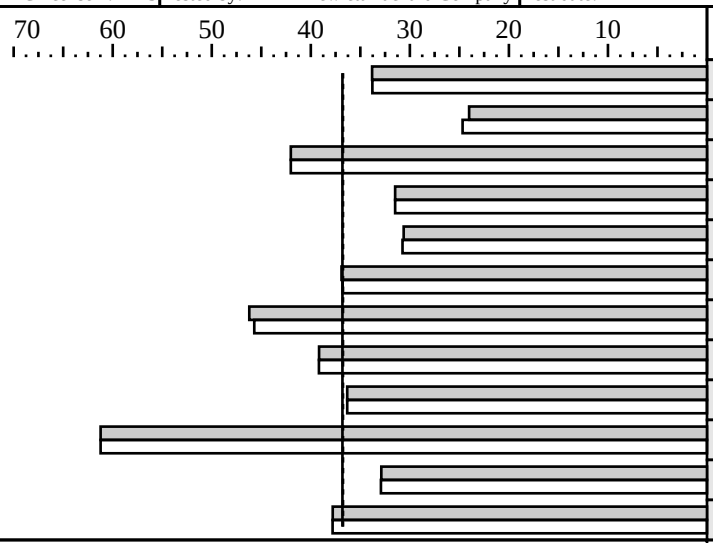
Hewlett-Packard Company

ProLiant ML570 G3 (3.333GHz, Intel Xeon)

SPECint_rate2000 = 36.8

SPECint_rate_base2000 = 36.8

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



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	4	192	33.8	4	192	33.8
175.vpr	4	270	24.0	4	263	24.7
176.gcc	4	121	42.0	4	121	42.0
181.mcf	4	265	31.5	4	265	31.5
186.crafty	4	152	30.6	4	151	30.7
197.parser	4	226	36.9	4	227	36.8
252.eon	4	131	46.2	4	132	45.7
253.perlbmk	4	213	39.2	4	213	39.2
254.gap	4	141	36.3	4	141	36.3
255.vortex	4	144	61.2	4	144	61.2
256.bzip2	4	212	32.9	4	211	32.9
300.twolf	4	368	37.8	4	368	37.8

Hardware

CPU:	Intel Xeon MP (3.333GHz, 1MB L2, 8MB L3, 667MHz bus)
CPU MHz:	3333
FPU:	Integrated
CPU(s) enabled:	2 cores, 2 chips, 1 core/chip (Hyper-Threading Technology enabled)
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:	1x18.2GB 15K Ultra320 SCSI
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:   -fast +FDO shlW32M.lib
Base tuning for C++ programs: -fast -Qcxx_features +FDO
Portability flags:
176.gcc: -Dalloca=_alloca /F10000000
186.crafy: -DNT_i386
253.perlbmk: -DSPEC_CPU2000_NTOS -DPERLDLL /MT
254.gap: -DSYS_HAS_CALLOC_PROTO -DSYS_HAS_MALLOC_PROTO
Peak tuning:
164.gzip:     -fast -Qansi_alias -Oa  +FDO
175.vpr:      -fast -Qansi_alias      +FDO
176.gcc:      basepeak=yes
181.mcf:      basepeak=yes
186.crafty:   -fast -Qansi_alias -Oa  +FDO
197.parser:   -fast -Qansi_alias      +FDO
252.eon:      -fast                   +FDO
253.perlbmk:  -fast -Qansi_alias      +FDO shlW32M.lib
254.gap:      basepeak=yes
255.vortex    basepeak=yes
256.bzip2:   -fast -Oa -Qunroll1      +FDO
```

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Notes/Tuning Information (Continued)

300.twolf: -fast -O3 +FDO shlW32M.lib