



CINT2000 Result

Copyright ©1999-2005, Standard Performance Evaluation Corporation

Hewlett-Packard Company
ProLiant ML570 G3 (3.333GHz, Intel Xeon)

SPECint_rate2000 = 72.7
SPECint_rate_base2000 = 72.6

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	8	194	67.1	8	196	66.3
175.vpr	8	272	47.8	8	265	49.0
176.gcc	8	123	82.9	8	123	82.9
181.mcf	8	274	61.0	8	274	61.0
186.crafty	8	155	59.7	8	152	61.0
197.parser	8	226	73.8	8	228	73.3
252.eon	8	131	92.1	8	133	91.0
253.perlbnk	8	213	78.5	8	214	78.1
254.gap	8	147	69.6	8	147	69.6
255.vortex	8	145	121	8	145	121
256.bzip2	8	215	64.9	8	214	65.0
300.twolf	8	369	75.4	8	368	75.6

Hardware

CPU: Intel Xeon MP (3.333GHz, 1MB L2, 8MB L3, 667MHz bus)
CPU MHz: 3333
FPU: Integrated
CPU(s) enabled: 4 cores, 4 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.crafty: -DNT_i386
253.perlbnk: -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.perlbnk: -fast -Qansi_alias +FDO shlw32M.lib
254.gap: basepeak=yes
255.vortex: basepeak=yes
256.bzip2: -fast -Oa -Qunroll1 +FDO
```



CINT2000 Result

Copyright ©1999-2005, Standard Performance Evaluation Corporation

Hewlett-Packard Company
ProLiant ML570 G3 (3.333GHz, Intel Xeon)

SPECint_rate2000 = 72.7
SPECint_rate_base2000 = 72.6

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

Notes/Tuning Information (Continued)

300.twolf: -fast -O3 +FDO shlw32M.lib