



# CINT2000 Result

Copyright ©1999-2004, Standard Performance Evaluation Corporation

SuperMicro  
X6DHP-8G2 (3.6GHz, Intel Xeon )

SPECint\_rate2000 = 26.3  
SPECint\_rate\_base2000 = 27.4

SPEC license #01176 | Tested by: SuperMicro Inc., San Jose, CA | Test date: Oct-2004 | Hardware Avail: Oct-2004 | Software Avail: Dec-2003

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	2	143	22.8	2	138	23.5
175.vpr	2	198	16.4	2	178	18.3
176.gcc	2	87.9	29.0	2	87.9	29.0
181.mcf	2	241	17.3	2	230	18.2
186.crafty	2	94.6	24.5	2	111	20.8
197.parser	2	160	26.0	2	162	25.9
252.eon	2	79.6	37.9	2	91.6	32.9
253.perlbnk	2	129	32.3	2	143	29.3
254.gap	2	74.2	34.4	2	79.4	32.2
255.vortex	2	81.8	53.9	2	92.4	47.7
256.bzip2	2	174	20.0	2	169	20.6
300.twolf	2	214	32.5	2	238	29.3

### Hardware

CPU: Intel Xeon (3.6GHz, 1MB L2, 800MHz bus)  
CPU MHz: 3600  
FPU: Integrated  
CPU(s) enabled: 2 cores, 2 chips, 1 core/chip (HT Technology Enabled)  
CPU(s) orderable: 1,2  
Parallel: No  
Primary Cache: 12K micro-ops I + 16KBD on chip  
Secondary Cache: 1024KB(I+D) on chip  
L3 Cache: N/A  
Other Cache: N/A  
Memory: 8x1GB, PC2-3200, CL3  
Disk Subsystem: 1x36GB SCSI H.D.  
Other Hardware:

### Software

Operating System: Windows Server 2003 Standard (Build 3790)  
Compiler: Intel C++ Compiler 8.0 Build 20031211Z  
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: -QxP -fast +FDO shlw32M.lib
Base tuning for C++ programs: -QxP -fast -GX -GR
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: -QxP -fast -Oa +FDO ONESTEP=yes
 175.vpr: -QxP -fast +FDO ONESTEP=yes
 176.gcc: basepeak = 1
 181.mcf: -QxP -fast +FDO shlw32M.lib ONESTEP=yes
 186.crafty: -QxP -fast -Oa +FDO shlw32M.lib ONESTEP=yes
 197.parser: -QxP -fast +FDO ONESTEP=yes
 252.eon: -QxP -O2 -Qipo +FDO ONESTEP=yes
 253.perlbnk: -fast -Oa +FDO shlw32M.lib ONESTEP=yes
 254.gap: -QxP -fast +FDO ONESTEP=yes
 255.vortex: -QxP -fast +FDO shlw32M.lib ONESTEP=yes
 256.bzip2: -fast -Oa -Qunroll11 +FDO ONESTEP=yes
```



# CINT2000 Result

Copyright ©1999-2004, Standard Performance Evaluation Corporation

SuperMicro  
X6DHP-8G2 (3.6GHz, Intel Xeon )

SPECint\_rate2000 = 26.3

SPECint\_rate\_base2000 = 27.4

SPEC license #01176 | Tested by: SuperMicro Inc., San Jose, CA | Test date: Oct-2004 | Hardware Avail: Oct-2004 | Software Avail: Dec-2003

## Notes/Tuning Information (Continued)

300.twolf:

-QxP -fast -O3 +FDO shlw32M.lib