



# CINT2000 Result

Copyright ©1999-2005, Standard Performance Evaluation Corporation

## Supermicro

Motherboard X6DHP-8G2 (Intel Xeon 3.0GHz, 2M L2 Cache, FSB 800Mhz)

SPECint2000 = 1450

SPECint\_base2000 = 1454

SPEC license #01176 Tested by: Supermicro Test date: Apr-2006 Hardware Avail: May-2005 Software Avail: May-2005

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	1000 2000 3000 4000			
164.gzip	1400	140	1001	142	983	[Bar chart showing ratio 983]			
175.vpr	1400	140	997	140	1001	[Bar chart showing ratio 1001]			
176.gcc	1100	63.4	1735	63.4	1735	[Bar chart showing ratio 1735]			
181.mcf	1800	106	1699	106	1699	[Bar chart showing ratio 1699]			
186.crafty	1000	90.8	1101	91.4	1094	[Bar chart showing ratio 1094]			
197.parser	1800	146	1235	146	1235	[Bar chart showing ratio 1235]			
252.eon	1300	68.6	1895	69.1	1882	[Bar chart showing ratio 1882]			
253.perlbmk	1800	101	1789	102	1771	[Bar chart showing ratio 1771]			
254.gap	1100	67.8	1624	67.8	1624	[Bar chart showing ratio 1624]			
255.vortex	1900	78.3	2426	78.3	2426	[Bar chart showing ratio 2426]			
256.bzip2	1500	136	1099	137	1099	[Bar chart showing ratio 1099]			
300.twolf	3000	197	1523	197	1523	[Bar chart showing ratio 1523]			

### Hardware

CPU: Intel Xeon 3.0GHz, 2M L2 Cache, FSB 800Mhz  
CPU MHz: 3000  
FPU: Integrated  
CPU(s) enabled: 1 core, 1 chip, 1 core/chip (Hyper-Threading Technology disabled)  
CPU(s) orderable: 1, 2  
Parallel: No  
Primary Cache: 12k micro-ops I + 16KBD on chip  
Secondary Cache: 2MB(I+D) on chip  
L3 Cache: N/A  
Other Cache: N/A  
Memory: 8 X 1GB DDR2 400 REG ECC  
Disk Subsystem: WD 74GB 10000RPM SATA  
Other Hardware:

### Software

Operating System: Microsoft Windows Server 2003 Enterprise Edition with SP1  
Compiler: Intel C++ Compiler 9.0 for 32-bit applications Build 20050430Z (32-bit)  
Microsoft Visual Studio .Net 2003(for libraries)  
SmartHeap Library Version 7.4 from <http://www.microquill.com/>  
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 shlw32M.lib
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
```



# CINT2000 Result

Copyright ©1999-2005, Standard Performance Evaluation Corporation

**Supermicro**

Motherboard X6DHP-8G2 (Intel Xeon 3.0GHz, 2M L2 Cache, FSB 800Mhz)

SPECint2000 = 1450

SPECint\_base2000 = 1454

SPEC license #01176 | Tested by: Supermicro | Test date: Apr-2006 | Hardware Avail: May-2005 | Software Avail: May-2005

## Notes/Tuning Information (Continued)

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

Tested system can be used with a 420W (minimum) ATX power supply [8-pin (+12V) and 24-pin are required]

The system bus runs at 800 MHz