



# CINT2000 Result

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**Supermicro**  
**SS6113M-i(1400MHz/4MB, Itanium 2)**

SPECint\_rate2000 = 22.3

SPECint\_rate\_base2000 = 22.3

SPEC license #01176 | Tested by: Supermicro, San Jose, CA | Test date: Nov-2003 | Hardware Avail: Nov-2003 | Software Avail: Nov-2003

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	2	169	19.2	2	169	19.2
175.vpr	2	169	19.2	2	169	19.2
176.gcc	2	93.7	27.2	2	93.7	27.2
181.mcf	2	230	18.2	2	230	18.2
186.crafty	2	93.7	24.8	2	93.7	24.8
197.parser	2	233	17.9	2	233	17.9
252.eon	2	107	28.3	2	107	28.3
253.perlbnk	2	189	22.1	2	189	22.1
254.gap	2	163	15.6	2	163	15.6
255.vortex	2	126	35.0	2	126	35.0
256.bzip2	2	156	22.3	2	156	22.3
300.twolf	2	285	24.4	2	285	24.4

### Hardware

CPU: Itanium2 processor (1400MHz/4MB)  
CPU MHz: 1400  
FPU: Integrated  
CPU(s) enabled: 2 cores, 2 chips, 1 core/chip  
CPU(s) orderable: 1,2  
Parallel: No  
Primary Cache: 32KBI + 32KBD on chip  
Secondary Cache: 256KB(I+D) on chip  
L3 Cache: 4MB (I+D) on chip  
Other Cache: N/A  
Memory: 8 GB (8 \* 1024MB DDR200)  
Disk Subsystem: IBM Deskstar 82.3GB  
Other Hardware:

### Software

Operating System: Windows 2003 Enterprise Server for Itanium w/ SP1, V1069  
Compiler: Intel C++ Compiler 7.1 Build 20030307  
Microsoft Platform SDK October 2003  
File System: NTFS  
System State: Default

## Notes/Tuning Information

```
+FDO: PASS1=-Qprof_gen PASS2=-Qprof_use
Base tuning:
C programs: -Qipo -O3 +FDO
C++ programs: -Qipo -GX -GR +FDO
Portability:
175.vpr: -DSPEC_CPU2000_P64
176.gcc: -Dalloca=_alloca /F60000000
181.mcf: -DSPEC_CPU2000_P64
186.crafty: -DNT_i386
252.eon: -DSPEC_CPU2000_P64
253.perlbnk: -DSPEC_CPU2000_NTOS -DPERLDLL -DSPEC_CPU2000_P64
253.perlbnk: -DHAS_LONG_LONG -DUSE_LONG_LONG
254.gap: -DSPEC_CPU2000 -DSPEC_CPU2000_P64
255.vortex: -DSPEC_CPU2000_P64 -D_WIN32
```