



# CINT2000 Result

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## Supermicro

Motherboard X7DA8 ( 3.73GHz, Intel Dual-Core Xeon processor 5080)

SPECint2000 = 1793

SPECint\_base2000 = 1793

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	1000 2000 3000 4000			
164.gzip	1400	109	1282	109	1280	[Bar chart showing ratio 1280]			
175.vpr	1400	117	1201	115	1212	[Bar chart showing ratio 1212]			
176.gcc	1100	52.4	2101	52.4	2101	[Bar chart showing ratio 2101]			
181.mcf	1800	96.3	1869	96.3	1869	[Bar chart showing ratio 1869]			
186.crafty	1000	70.7	1415	71.1	1406	[Bar chart showing ratio 1406]			
197.parser	1800	125	1441	125	1445	[Bar chart showing ratio 1445]			
252.eon	1300	51.0	2547	51.3	2535	[Bar chart showing ratio 2535]			
253.perlbmk	1800	80.6	2233	80.7	2232	[Bar chart showing ratio 2232]			
254.gap	1100	53.9	2041	53.9	2041	[Bar chart showing ratio 2041]			
255.vortex	1900	62.6	3035	62.6	3035	[Bar chart showing ratio 3035]			
256.bzip2	1500	113	1329	113	1328	[Bar chart showing ratio 1328]			
300.twolf	3000	157	1913	157	1913	[Bar chart showing ratio 1913]			

### Hardware

CPU: Intel Dual-Core Xeon processor 5080 ( 3.73 GHz, 1066 MHz bus)  
CPU MHz: 3730  
FPU: Integrated  
CPU(s) enabled: 2 cores, 1 chip, 2 cores/chip (Hyper-Threading Technology disabled)  
CPU(s) orderable: 1, 2  
Parallel: No  
Primary Cache: 12k micro-ops I + 16KBD (on chip) per core  
Secondary Cache: 2MB(I+D) (on chip) per core  
L3 Cache: N/A  
Other Cache: N/A  
Memory: 8 X 512MB 667MHz CL5 DDR2 FB-DIMM  
Disk Subsystem: WD 2500 250GB  
Other Hardware: N/A

### Software

Operating System: Windows XP Professional w/ SP2  
Compiler: Intel C++ Compiler 9.1 for 32-bit applications  
Build 20060323Z Package ID: W\_CC\_P\_9.1.020  
Microsoft Visual Studio 2005 (for libraries)  
SmartHeap Library Version 8.0 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.crafty: -DNT_i386
252.eon: -DHAS_ERRLIST
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
```



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## Notes/Tuning Information (Continued)

256.bzip2: -fast -Oa -Qunroll1 +FDO

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

Tested systems can be used with SC825S2-R700LPV case,

To ensure system stability, a 500W (minimum) ATX power supply

[4-pin (+12V), 8-pin (+12V) and 24-pin are required]

Product description located as of X7DA8:

<http://www.supermicro.com/products/motherboard/Xeon1333/5000X/X7DA8.cfm>

The system bus runs at 1333 MHz