



# CINT2000 Result

Copyright ©1999-2005, Standard Performance Evaluation Corporation

## Supermicro

Motherboard X7DVA-E/8( 3.00GHz, Intel Xeon 5160 processor)

SPECint2000 = 2994

SPECint\_base2000 = 2988

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	
164.gzip	1400	76.2	1838	75.8	1846	
175.vpr	1400	64.5	2172	63.0	2223	
176.gcc	1100	37.7	2921	37.7	2921	
181.mcf	1800	42.0	4281	42.0	4281	
186.crafty	1000	36.0	2778	36.1	2773	
197.parser	1800	78.3	2298	78.4	2296	
252.eon	1300	33.3	3908	33.1	3926	
253.perlbmk	1800	49.1	3663	49.2	3658	
254.gap	1100	38.5	2855	38.5	2855	
255.vortex	1900	38.1	4988	38.1	4988	
256.bzip2	1500	66.3	2262	66.5	2257	
300.twolf	3000	87.1	3443	87.1	3445	

### Hardware

CPU: Intel Xeon 5160 processor ( 3.00 GHz,1333MHz bus)  
CPU MHz: 3000  
FPU: Integrated  
CPU(s) enabled: 2 cores, 1 chip, 2 cores/chip  
CPU(s) orderable: 1, 2  
Parallel: No  
Primary Cache: 32KBI + 32KBD on chip (per chip)  
Secondary Cache: 4MB(I+D) on chip shared  
L3 Cache: N/A  
Other Cache: N/A  
Memory: 4 X 2GB 667MHz CL5 DDR2 FB-DIMM  
Disk Subsystem: Seagate Barracuda 7200.9 120GB IDE, 7200RPM  
Other Hardware: N/A

### Software

Operating System: Windows Server 2003 Enterprise Edition 32-bits w/ SP1  
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
```



# CINT2000 Result

Copyright ©1999-2005, Standard Performance Evaluation Corporation

**Supermicro**

Motherboard X7DVA-E/8( 3.00GHz, Intel Xeon 5160 processor)

SPECint2000 = 2994

SPECint\_base2000 = 2988

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

## Notes/Tuning Information (Continued)

256.bzip2: -fast -Oa -Qunroll11 +FDO

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

Tested systems can be used with SC811S-520 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 X7DVA: <http://www.supermicro.com/products/motherboard/Xeon1333/5000V/X7DVA-8.cfm>

The system bus runs at 1333 MHz