



# CINT2000 Result

Copyright ©1999-2005, Standard Performance Evaluation Corporation

## Intel Corporation

Intel D975XBX motherboard( 3.73 GHz, Intel(R) Pentium(R) 4 processor Extreme Edition supporting Hyper-Threading Technology)

SPECint2000 = 1824

SPECint\_base2000 = 1824

SPEC license #: 13 Tested by: Intel Corporation Test date: Jul-2006 Hardware Avail: Mar-2006 Software Avail: May-2006

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	1000 2000 3000 4000			
164.gzip	1400	112	1245	112	1247				
175.vpr	1400	112	1255	110	1270				
176.gcc	1100	51.9	2118	51.9	2118				
181.mcf	1800	84.0	2143	84.0	2143				
186.crafty	1000	72.1	1387	72.7	1376				
197.parser	1800	125	1438	125	1442				
252.eon	1300	52.1	2495	52.3	2484				
253.perlbmk	1800	81.7	2204	81.7	2203				
254.gap	1100	52.6	2091	52.6	2091				
255.vortex	1900	59.4	3197	59.4	3197				
256.bzip2	1500	108	1383	109	1382				
300.twolf	3000	159	1887	159	1886				

### Hardware

CPU: Intel(R) Pentium(R) 4 processor Extreme Edition supporting Hyper-Threading Technology (3.73 GHz, 1066 MHz bus)  
CPU MHz: 3733  
FPU: Integrated  
CPU(s) enabled: 2 cores, 1 chip, 2 cores/chip (Hyper-Threading Technology enabled)  
CPU(s) orderable: 1  
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: 2 GB (2 1GB Micron DDR2 667 CL5-5-5 DIMMs)  
Disk Subsystem: Maxtor DiamondMax 10 6B300S0 300GB NCQ Serial ATA (7200 RPM, 16MB cache)  
Other Hardware: ATI Radeon X850 XT PCI express graphics card

### Software

Operating System: Windows XP Professional SP2  
Compiler: Intel C++ and Fortran Compiler 9.1 for 32-bit applications  
Build 20060323Z Package ID: W\_FC\_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-80.lib
Base tuning for C++ programs: -fast -Qcxx_features +FDO shlw32M-80.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-80.lib
254.gap: basepeak=yes
255.vortex: basepeak=yes
```



# CINT2000 Result

Copyright ©1999-2005, Standard Performance Evaluation Corporation

**Intel Corporation**

Intel D975XBX motherboard( 3.73 GHz, Intel(R) Pentium(R) 4 processor Extreme Edition supporting Hyper-Threading Technology)

SPECint2000 = 1824

SPECint\_base2000 = 1824

SPEC license #: 13 | Tested by: Intel Corporation | Test date: Jul-2006 | Hardware Avail: Mar-2006 | Software Avail: May-2006

## Notes/Tuning Information (Continued)

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

300.twolf: -fast -O3 +FDO shlw32M-80.lib

Tested systems can be used with Shin-G ATX case, Delta Inc. power supply PS-300GB-1 B

Product description located as of 07/2006

<http://www.intel.com/products/motherboard/d975xbx/index.htm>

The system bus runs at 1066 MHz