Intel(R) Corporation
Intel(R) DG965WH motherboard( 3.73 GHz, Intel(R) Pentium(R) Extreme processor 965)  

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

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<tr>
<th>Benchmark</th>
<th>Base Copies</th>
<th>Base Runtime</th>
<th>Base Ratio</th>
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**Hardware**  
CPU: Intel(R) Pentium(R) Extreme processor 965 (3.73 GHz, 1066 MHz bus)  
CPU MHz: 3733  
FPU: Integrated  
CPU(s) enabled: 2 cores, 1 chip, 2 cores/chip  
CPU(s) orderable: 1  
Parallel: No  
Primary Cache: 12k micro-ops + 16KBD per core, on chip  
Secondary Cache: 2MB(I+D) per core, on chip  
L3 Cache: None  
Other Cache: None  
Memory: 2 GB (2 1GB Corsair TWIN2X2048-8500C5 DDR2 1066 CL5-5-5-5 DIMMs)  
Disk Subsystem: Maxtor DiamondMax 10 6B300S0 300GB NCQ Serial ATA (7200 RPM, 16MB cache)  
Other Hardware: ATI Radeon X1900 XTX 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 Fortran programs: -fast -Qansi_alias +FDO  
Base tuning for C programs: -fast +FDO sh1W32M-80.lib  
Portability:  
178.galgel: -FI /F32000000  
Peak tuning:  
168.wupwise: -fast -Qansi_alias +FDO  
171.swim: -fast -Qansi_alias +FDO  
172.mgrid: -fast -Qansi_alias +FDO  
173.applu: basepeak=yes  
177.mesa: basepeak=yes  
178.galgel: -fast -Qansi_alias +FDO  
179.art: basepeak=yes  
183.eqake: -QxP -Oa -Qcd -Qipo +FDO sh1W32M-80.lib  
187.facerc: -fast -Qunroll1 -Qscalar_rep- +FDO  
188.ammp: -fast -Oa +FDO sh1W32M-80.lib  
189.lucas: -fast -Qprefetch- +FDO
<table>
<thead>
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<th>Notes/Tuning Information (Continued)</th>
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<td>191.fma3d: basepeak=yes</td>
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<tr>
<td>200.sixtrack: -Qipo -QxP +PDO</td>
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<td>301.apsi: -fast +PDO</td>
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<td>Tested systems can be used with Shin-G ATX case, Antec NeoPower 480W power supply</td>
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<td>Product description located as of 07/2006</td>
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<td>The system bus runs at 1066 MHz</td>
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