



CFP2000 Result

Copyright ©1999-2005, Standard Performance Evaluation Corporation

Supermicro

PDSLAE Motherboard(Intel Pentium D 3.2GHz)

SPECfp2000 = 1603

SPECfp_base2000 = 1583

SPEC license #01176 Tested by: Supermicro Test date: May-2005 Hardware Avail: May-2005 Software Avail: Aug-2004

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	1000 2000 3000 4000			
168.wupwise	1600	66.2	2417	65.7	2434	[Bar chart showing ratio vs reference time]			
171.swim	3100	134	2308	128	2425	[Bar chart showing ratio vs reference time]			
172.mgrid	1800	127	1414	126	1429	[Bar chart showing ratio vs reference time]			
173.applu	2100	145	1448	143	1464	[Bar chart showing ratio vs reference time]			
177.mesa	1400	98.1	1427	98.1	1427	[Bar chart showing ratio vs reference time]			
178.galgel	2900	124	2345	122	2370	[Bar chart showing ratio vs reference time]			
179.art	2600	91.9	2828	91.9	2828	[Bar chart showing ratio vs reference time]			
183.quake	1300	71.4	1822	72.3	1797	[Bar chart showing ratio vs reference time]			
187.facerec	1900	110	1725	109	1740	[Bar chart showing ratio vs reference time]			
188.amp	2200	232	948	223	988	[Bar chart showing ratio vs reference time]			
189.lucas	2000	100	1994	97.4	2054	[Bar chart showing ratio vs reference time]			
191.fma3d	2100	150	1405	150	1405	[Bar chart showing ratio vs reference time]			
200.sixtrack	1100	191	575	190	580	[Bar chart showing ratio vs reference time]			
301.apsi	2600	217	1198	215	1209	[Bar chart showing ratio vs reference time]			

Hardware

CPU: Intel Pentium D 3.2GHz
 CPU MHz: 3200
 FPU: Integrated
 CPU(s) enabled: 2 cores, 1 chip, 2 cores/chip
 CPU(s) orderable: 1
 Parallel: No
 Primary Cache: 12k micro-ops I + 16KBD on chip
 Secondary Cache: 1024KB(I+D) on chip
 L3 Cache: N/A
 Other Cache: N/A
 Memory: 4 X 1GB PC2 5300, Unbuffered, Non-ECC
 Disk Subsystem: 1 X 120GB IDE
 Other Hardware: N/A

Software

Operating System: Windows XP Professional SP2
 Compiler: Intel C++ and Fortran Compiler 8.1 Build 20040802Z
 Microsoft Visual Studio .Net 2003(for libraries)
 File System: NTFS
 System State: Default

Notes/Tuning Information

```
+FDO: PASS1= -Qprof_gen PASS2=-Qprof_use
Base tuning: -fast -Qansi_alias +FDO
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: -fast -Qscalar_rep- -Qauto +FDO
177.mesa: basepeak=yes
178.galgel: -fast -Qansi_alias +FDO
179.art: basepeak=yes
183.quake: -QxP -Oa -Qrcd -Qipo +FDO
187.facerec: -fast -Qunroll1 -Qscalar_rep- +FDO
188.amp: -Oa -QxP
189.lucas: -fast -Qprefetch- +FDO
191.fma3d: basepeak=yes
```



CFP2000 Result

Copyright ©1999-2005, Standard Performance Evaluation Corporation

Supermicro

PDSLA/E Motherboard(Intel Pentium D 3.2GHz)

SPECfp2000 = 1603

SPECfp_base2000 = 1583

SPEC license #01176 | Tested by: Supermicro | Test date: May-2005 | Hardware Avail: May-2005 | Software Avail: Aug-2004

Notes/Tuning Information (Continued)

200.sixtrack: -Qipo -QxP +FDO

301.apsi: -fast +FDO

The system bus runs at 800 MHz

Tested system was built with SC733T-645 chassis and

a 420W (minimum) ATX power supply [4-pin +12V AND (20 or 24-pin)] is required.

See: <http://www.supermicro.com/products/motherboard/DualCore/945/PDSLA.cfm>