CFP2000 Result

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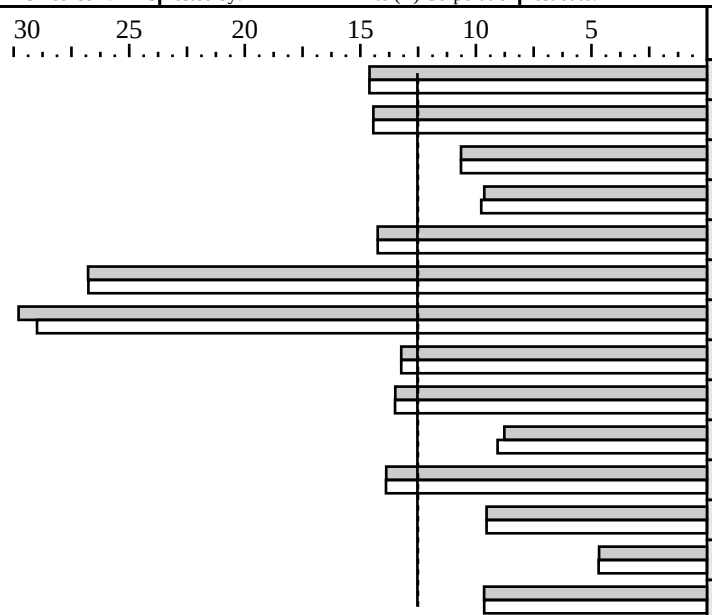
IBM Corporation

IBM Thinkpad T43 Type 1871-48U(1.60 GHz, Pentium(R) M processor 730)

SPECfp_rate2000 = 12.5

SPECfp_rate_base2000 = 12.5

SPEC license #: 13 | Tested by: Intel(R) Corporation | Test date: Dec-2005 | Hardware Avail: Feb-2005 | Software Avail: Apr-2005



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
168.wupwise	2	254	14.6	2	254	14.6
171.swim	2	498	14.4	2	498	14.4
172.mgrid	2	392	10.6	2	392	10.6
173.applu	2	506	9.64	2	499	9.77
177.mesa	2	228	14.2	2	228	14.2
178.galgel	2	251	26.8	2	251	26.8
179.art	2	203	29.8	2	208	29.0
183.equake	2	228	13.2	2	228	13.2
187.facerec	2	327	13.5	2	327	13.5
188.ammp	2	582	8.77	2	563	9.06
189.lucas	2	334	13.9	2	334	13.9
191.fma3d	2	511	9.54	2	511	9.54
200.sixtrack	2	547	4.67	2	544	4.69
301.apsi	2	625	9.64	2	626	9.64

Hardware

CPU:	Intel(R) Pentium(R) M processor 730 (1.60 GHz, 533 MHz bus)
CPU MHz:	1600
FPU:	Integrated
CPU(s) enabled:	1 core, 1 chip, 1 core/chip
CPU(s) orderable:	1
Parallel:	No
Primary Cache:	32KBI + 32KBD on chip
Secondary Cache:	2MB(I+D) on chip
L3 Cache:	N/A
Other Cache:	N/A
Memory:	2x512 MB Samsung PC2-4200 DDR2-533 4-4-4-12 (tCL-tRCD-tRP-tRASmin)
Disk Subsystem:	Hitachi Travelstar 60GB 7200RPM
Other Hardware:	N/A

Software

Operating System:	Windows XP Professional SP2
Compiler:	Intel C++ and Fortran Compiler 9.0 for 32-bit applications Build 20050430Z (32-bit) Microsoft Visual Studio .Net 2003(for libraries) SmartHeap Library Version 7.4 from http://www.microquill.com/
File System:	NTFS
System State:	Default

Notes/Tuning Information

```
+FDO: PASS1=  -Qprof_gen  PASS2=-Qprof_use
Base tuning:  -O3 -Qipo -QxB +FDO
Portability:
178.galgel:   -FI /F32000000
Peak tuning:
168.wupwise:  -O3 -Qipo -QxB -Qansi_alias +FDO
171.swim:     -O3 -Qipo -QxB -Qansi_alias +FDO
172.mgrid:    -O3 -Qipo -QxB -Qansi_alias +FDO
173.applu:  -O3 -Qipo -QxB -Qscalar_rep- -Qauto  +FDO
177.mesa:   basepeak=yes
178.galgel:   -O3 -Qipo -QxB -Qansi_alias +FDO
179.art:      -Oa -Qipo -Qunroll4 -Zp4
183.equake:   basepeak=yes
187.facerec:  -O3 -Qipo -QxB -Qunroll1 -Qscalar_rep- +FDO
188.ammp:     -Oa -QxB
189.lucas:    -O3 -Qipo -QxB -Qprefetch- +FDO
191.fma3d:    basepeak=yes
```

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Notes/Tuning Information (Continued)

```
200.sixtrack: -Qipo -QxB +FDO
301.apsi:     -O3 -Qipo -QxB +FDO
The system bus runs at 533 MHz
AC power, OS Power Management Mode set to Always On
```