CFP2000 Result

Copyright ©1999-2005, Standard Performance Evaluation Corporation

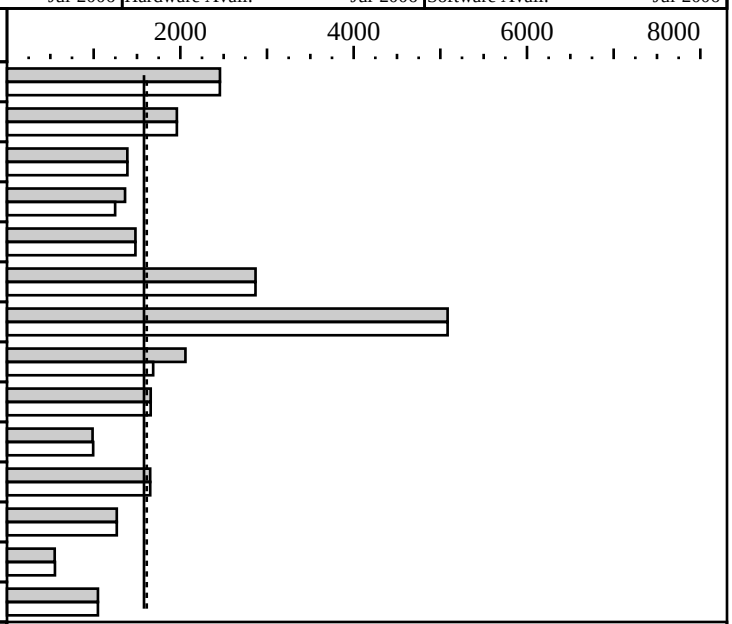
CAIRA
TD300F

SPECfp2000 = 1581

SPECfp_base2000 = 1612

SPEC license #: 3195 | Tested by: CAIRA | Test date: Jul-2006 | Hardware Avail: Jul-2006 | Software Avail: Jul-2006

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
168.wupwise	1600	65.1	2457	65.1	2456
171.swim	3100	158	1960	158	1960
172.mgrid	1800	130	1389	130	1389
173.applu	2100	154	1362	168	1248
177.mesa	1400	94.5	1482	94.5	1482
178.galgel	2900	101	2868	101	2867
179.art	2600	51.1	5084	51.1	5084
183.equake	1300	63.1	2059	77.1	1687
187.facerec	1900	115	1658	115	1658
188.ammp	2200	223	987	221	994
189.lucas	2000	121	1652	121	1652
191.fma3d	2100	166	1267	166	1267
200.sixtrack	1100	200	550	199	553
301.apsi	2600	248	1049	248	1049



Hardware

CPU:	Intel Xeon (2.8 GHz, 2MB L2, 800MHz system bus)
CPU MHz:	2800
FPU:	Integrated
CPU(s) enabled:	2 cores, 2 chips, 1 core/chip(Hyper-Threading Technology Enabled)
CPU(s) orderable:	1,2
Parallel:	No
Primary Cache:	12K(I) micro-ops + 16K(D) per chip
Secondary Cache:	2048K(I+D) per chip
L3 Cache:	N/A
Other Cache:	N/A
Memory:	2 x 1 GB ECC DDR2-400 SDRAM
Disk Subsystem:	4*73 GB U320 SCSI 10K RPM
Other Hardware:	

Software

Operating System:	Windows Server 2003 Enterprise x64 Edition (Service Pack 1)
Compiler:	Intel(R) Fortran compiler version 9.0 Intel(R) C++ compiler version 9.0 Microsoft Visual Studio.Net 2003
File System:	NTFS
System State:	Default

Notes/Tuning Information

```
+FDO:      PASS1=  -Qprof_gen  PASS2=-Qprof_use
Base tuning :    -fast +FDO
Potability:
178.galgel: -FI /F10000000
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.equake:   -QxP -Oa -Qrcd +FDO
187.facerec:  -fast -Qunroll1 -Qscalar_rep- +FDO
188.ammp:     -fast -Oa +FDO
189.lucas:    -fast -Qprefetch- +FDO
191.fma3d:    basepeak=yes
```

Copyright ©1999-2005, Standard Performance Evaluation Corporation

CAIRA
TD300F

SPECfp2000 = 1581
SPECfp_base2000 = 1612

SPEC license #: 3195 | Tested by: CAIRA | Test date: Jul-2006 | Hardware Avail: Jul-2006 | Software Avail: Jul-2006

Notes/Tuning Information (Continued)

```
200.sixtrack: -Qipo -QxP +FDO
301.apsi:     -fast +FDO
```