CFP2000 Result

ION Computer Systems

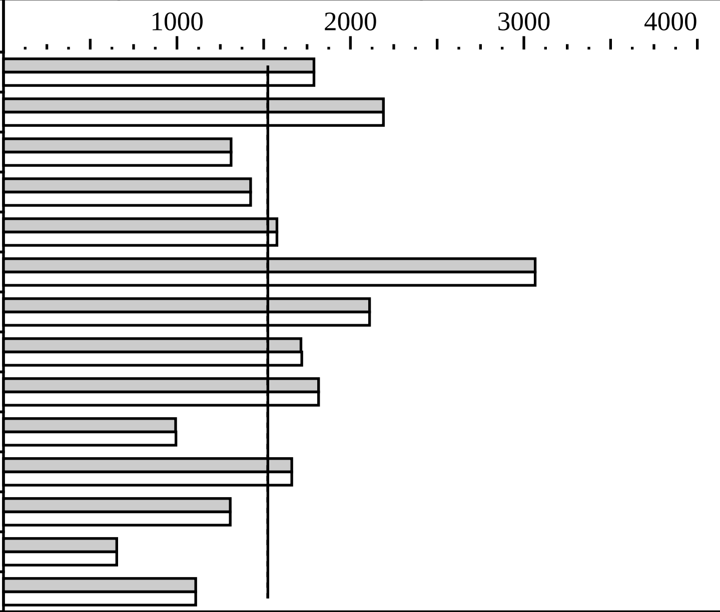
SR1325TP (3.4GHz Pentium 4 processor with HT Technology Extreme Edition)

SPECfp2000 = 1524

SPECfp_base2000 = 1524

SPEC license #: 2697	Tested by: ION	Test date: Apr-2004	Hardware Avail: May-2004	Software Avail: Apr-2004

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
168.wupwise	1600	89.4	1790	89.4	1790
171.swim	3100	142	2190	142	2190
172.mgrid	1800	137	1312	137	1312
173.applu	2100	147	1425	147	1425
177.mesa	1400	88.8	1576	88.8	1576
178.galgel	2900	94.6	3065	94.6	3065
179.art	2600	123	2110	123	2110
183.equake	1300	75.8	1715	75.6	1720
187.facerec	1900	105	1816	105	1816
188.ammp	2200	222	992	221	994
189.lucas	2000	120	1662	120	1662
191.fma3d	2100	161	1307	161	1307
200.sixtrack	1100	168	653	168	653
301.apsi	2600	235	1108	235	1108



Hardware

CPU:	Intel Pentium 4 processor with HT Technology Extreme Edition, 3.4GHz, 800MHz bus
CPU MHz:	3392
FPU:	Integrated
CPU(s) enabled:	1 core, 1 chip, 1 core/chip, HT Technology disabled
CPU(s) orderable:	1
Parallel:	No
Primary Cache:	12K(I) micro-ops + 8KB(D) on chip
Secondary Cache:	512KB (I+D) on chip
L3 Cache:	2048KB (I+D) on chip
Other Cache:	None
Memory:	2 GB DDR400, 3-3-3, (4x512GB DIMMs)
Disk Subsystem:	1x 200GB IDE, 7200rpm
Other Hardware:	None

Software

Operating System:	Red Hat Enterprise Linux ES release 3
Compiler:	Intel(R) Fortran Compiler for Linux 8.0 (Build 20040412Z) Intel(R) C++ Compiler for Linux 8.0 (Build 20040412Z) MicroQuill SmartHeap Library 7.1 (www.microquill.com)
File System:	ext2
System State:	Multi-user, 2.4.21 up kernel

Notes/Tuning Information

```
Hyper Threading Technology disabled in BIOS

Baseline optimization flags:
      C programs: PASS1= -xN -prof_gen PASS2= -xN -fast -prof_use
Fortran programs: PASS1= -xN -prof_gen PASS2= -xN -ipo -O3 -prof_use

FP Peak optimization flags:
     168.wupwise: basepeak=yes
        171.swim: basepeak=yes
        72.mgrid:basepeak=yes
       173.applu: basepeak=yes
        177.mesa: basepeak=yes
      178.galgel: basepeak=yes
         179.art: basepeak=yes
      183.equake: PASS1= -xN -prof_gen PASS2= -xN -fast -Oa -prof_use
```

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Notes/Tuning Information (Continued)

```
        187.facerec: basepeak=yes
           188.ammp: PASS1= -xW -prof_gen PASS2= -xW -fast -prof_use
          189.lucas: basepeak=yes
          191.fma3d: basepeak=yes
       200.sixtrack: basepeak=yes
           301.apsi: basepeak=yes

     FP Portability Flags:
         178.galgel:  -FI
```