



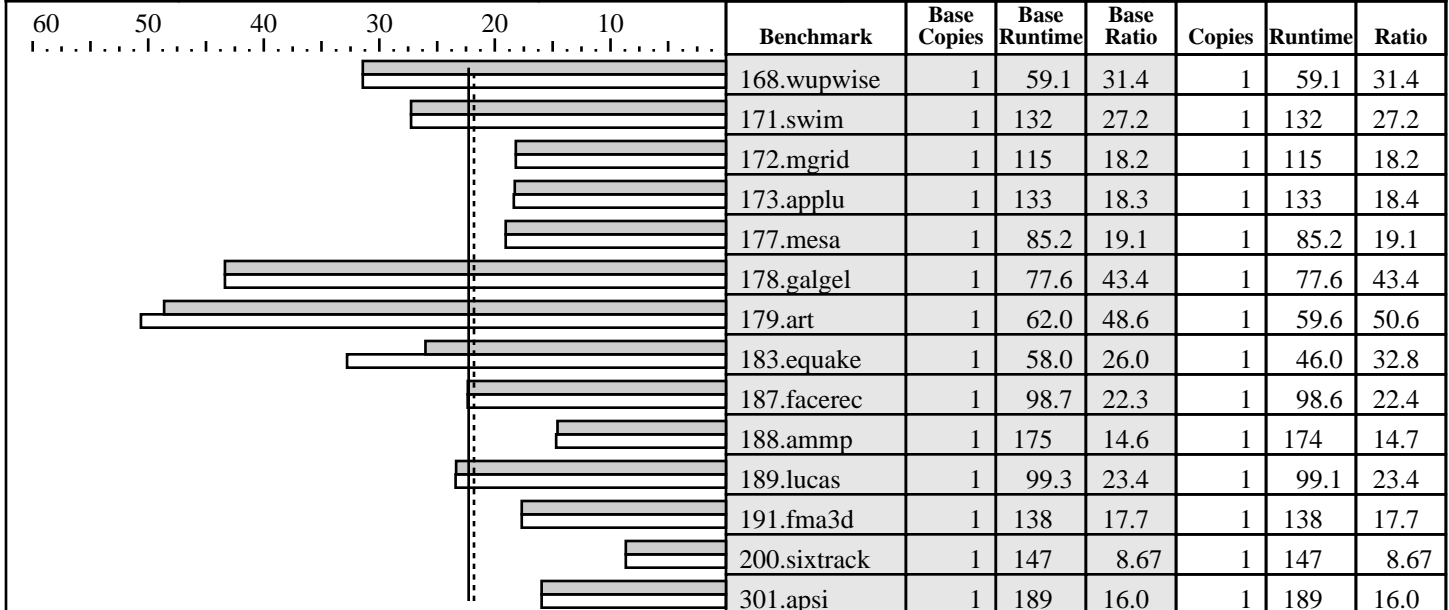
# CFP2000 Result

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**Dell**  
Precision Workstation 670 (3.8 GHz, Intel Xeon)

SPECfp\_rate2000 = 22.3  
SPECfp\_rate\_base2000 = 21.8

SPEC license #: 55 | Tested by: Dell Inc., Round Rock, TX | Test date: Sep-2005 | Hardware Avail: Oct-2005 | Software Avail: Aug-2005



### Hardware

CPU: Intel Xeon (800 MHz system bus)  
 CPU MHz: 3800  
 FPU: Integrated  
 CPU(s) enabled: 1 core, 1 chip, 1 core/chip (Hyper-Threading Technology disabled)  
 CPU(s) orderable: 1,2  
 Parallel: No  
 Primary Cache: 12K(I) micro-ops + 16KB(D) on chip  
 Secondary Cache: 2048KB(I+D) on chip  
 L3 Cache: N/A  
 Other Cache: N/A  
 Memory: 2x1024MB,4x512MB 400MHz ECC CL3 DDR2 SDRAM  
 Disk Subsystem: 1x160GB SATA 7200 RPM  
 Other Hardware:

### Software

Operating System: Windows XP Professional SP2  
 Compiler: Intel C/C++ Compiler 9.0 for IA32(20050809Z)  
 Intel Fortran Compiler 9.0 for IA32(20050809Z)  
 Microsoft Visual Studio .NET 2003(7.1.3088)  
 MicroQuill SmartHeap Library 7.1  
 File System: NTFS  
 System State: Default

## Notes/Tuning Information

### GENERAL

ONESTEP=yes  
 +FDO: PASS1=-Qprof\_gen PASS2=-Qprof\_use

### PORTABILITY

178.galgel: -FI /F32000000

### BASE TUNING

C/F77/F90: -fast -Qansi\_alias +FDO

### PEAK TUNING

168.wupwise: basepeak=yes  
 171.swim: basepeak=yes  
 172.mgrid: basepeak=yes  
 173.applu: -fast -Qansi\_alias -Qscalar\_rep- -Qauto +FDO  
 177.mesa: basepeak=yes  
 178.galgel: basepeak=yes  
 179.art: -fast -Qansi\_alias +FDO shlw32M.lib  
 183.quake: -fast -Qansi\_alias -Oa -Qrcd +FDO shlw32M.lib  
 187.facerec: -fast -Qunroll1 -Qscalar\_rep- +FDO



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## Notes/Tuning Information (Continued)

```
188.ammf: -fast -Oa
189.lucas: -fast +FDO
191.fma3d: basepeak=yes
200.sixtrack: -fast +FDO
301.apsi: basepeak=yes
NOTES
1 CPU disabled in the BIOS.
```