



# CFP2000 Result

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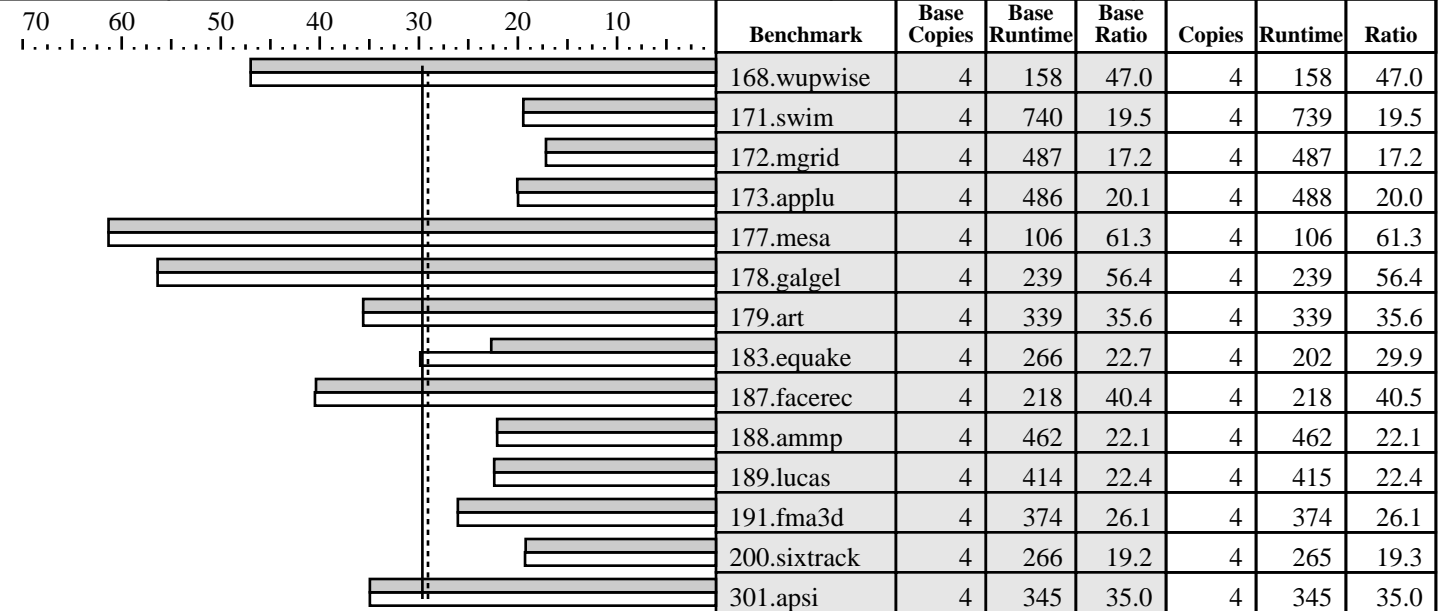
## IBM Corporation

IBM eServer xSeries HS20 (1.67 GHz Xeon LV, 2MB L2 Shared Cache)

SPECfp\_rate2000 = 29.7

SPECfp\_rate\_base2000 = 29.1

SPEC license #: 11 | Tested by: IBM Corporation | Test date: Mar-2006 | Hardware Avail: Mar-2006 | Software Avail: Dec-2005



### Hardware

CPU: Dual-Core Intel Processor Xeon LV 1.67GHz (667 MHz system bus)  
 CPU MHz: 1667  
 FPU: Integrated  
 CPU(s) enabled: 4 cores, 2 chips, 2 cores/chip  
 CPU(s) orderable: 1,2  
 Parallel: No  
 Primary Cache: 12K(I) micro-ops + 16KB(D) (on chip) per core  
 Secondary Cache: 2048KB(I+D) (on chip) shared by 2 cores  
 L3 Cache: N/A  
 Other Cache: N/A  
 Memory: 4 x 2048 MB ECC PC2-3200 Single Rank  
 Disk Subsystem: 73GB SCSI 10K RPM  
 Other Hardware:

### Software

Operating System: Windows Server 2003 Standard Edition  
 Compiler: Intel C/C++ Compiler 9.0 (20051130Z) for 32-bit applications  
 Intel Fortran Compiler 9.0 (20051120Z) for 32-bit applications  
 Microsoft Visual Studio .NET 13.0.9466 (for libraries)  
 MicroQuill Smartheap Library 7.30  
 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: -fast -f77rtl +FDO  
 172.mgrid: basepeak=yes  
 173.applu: -fast -Qscalar\_rep- -Qauto -f77rtl +FDO  
 177.mesa: -fast +FDO  
 178.galgel: basepeak=yes  
 179.art: basepeak=yes  
 183.quake: -fast -Oa -Qrcd +FDO shlw32M.lib  
 187.facerec: -fast -Qunroll1 -Qscalar\_rep- +FDO



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## Notes/Tuning Information (Continued)

188. ammp: basepeak=yes  
189. lucas: -fast  
191. fma3d: basepeak=yes  
200. sixtrack: -Qipo +FDO  
301. apsi: basepeak=yes