



CFP2000 Result

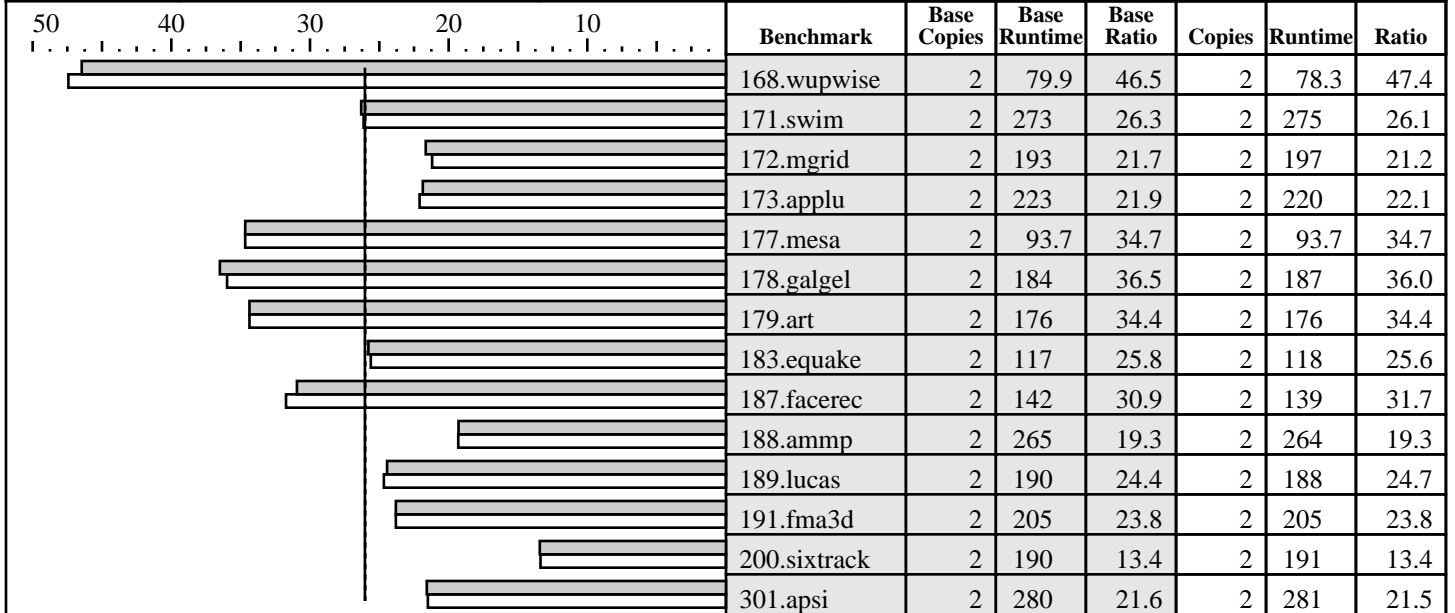
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Supermicro X6DHR-8G2

SPECfp_rate2000 = 26.0

SPECfp_rate_base2000 = 26.0

SPEC license #01176 | Tested by: Supermicro | Test date: Apr-2005 | Hardware Avail: Dec-2004 | Software Avail: Aug-2004



Hardware

CPU: Intel Xeon processor (3.6 GHz, 800 MHz System bus)
 CPU MHz: 3600
 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 micro-ops I + 16KBD on chip
 Secondary Cache: 1024KB(I+D) on chip
 L3 Cache: N/A
 Other Cache: N/A
 Memory: 8X 1GB Apacer DDRII 400 REG ECC CL3
 Disk Subsystem: 250GB Maxtor IDE
 Other Hardware:

Software

Operating System: Windows Server 2003 EE
 Compiler: Intel C++ and Fortran Compiler 8.1 Build 20040802Z
 Microsoft Visual Studio .Net 2003(for libraries)
 File System: NTFS
 System State: Default

Notes/Tuning Information

```
+FDO: PASS1= -Qprof_gen PASS2=-Qprof_use
Base tuning: -fast -Qansi_alias +FDO
Portability:
178.galgel: -FI /F32000000
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.quake: -QxP -Oa -Qrcd -Qipo +FDO
187.facerec: -fast -Qunroll1 -Qscalar_rep- +FDO
188.amp: -Oa -QxP
189.lucas: -fast -Qprefetch- +FDO
191.fma3d: basepeak=yes
```



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Notes/Tuning Information (Continued)

200.sixtrack: -Qipo -QxP +FDO

301.apsi: -fast +FDO

The system bus runs at 800 MHz

Tested system can be used with a 420W (minimum) ATX power supply [8-pin (+12V) and 24-pin are required]