



CFP2000 Result

Copyright ©1999-2005, Standard Performance Evaluation Corporation

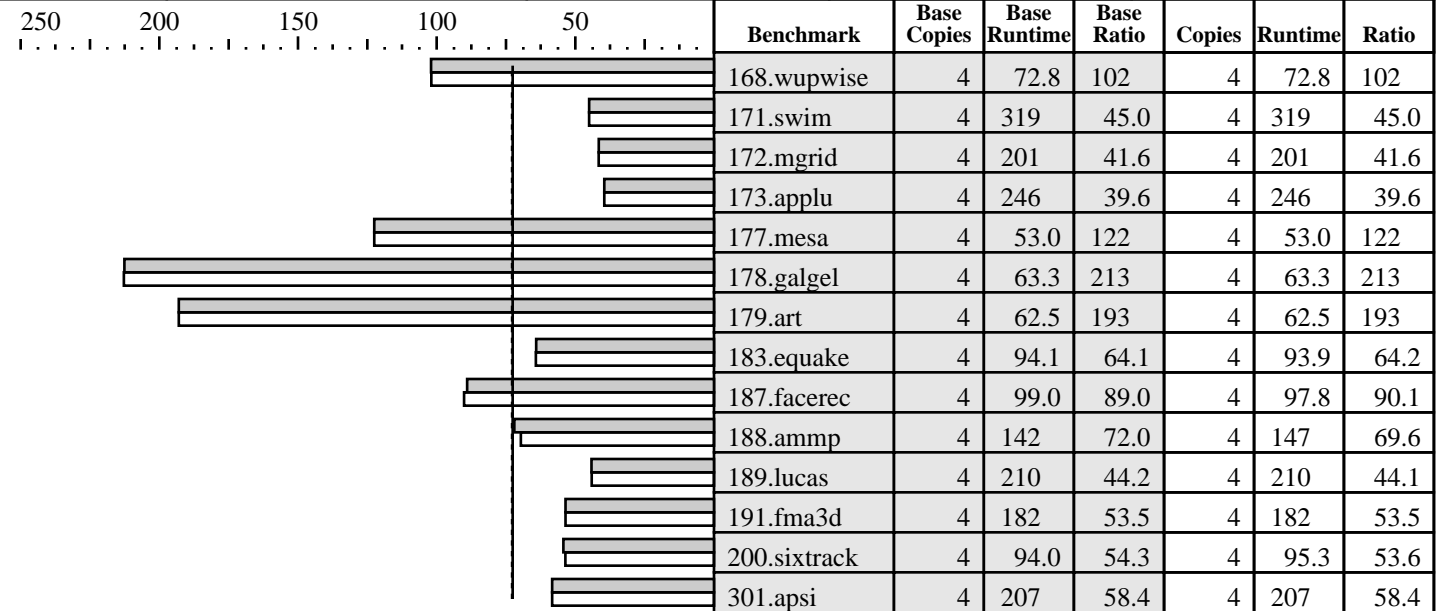
Supermicro

Motherboard X7DVA-E/8(3.00GHz, Intel Xeon 5160 processor)

SPECfp_rate2000 = 72.6

SPECfp_rate_base2000 = 72.8

SPEC license #01176 | Tested by: Supermicro | Test date: Jul-2006 | Hardware Avail: May-2006 | Software Avail: Mar-2006



Hardware

CPU: Intel Xeon 5160 processor (3.00 GHz,1333MHz bus)
 CPU MHz: 3000
 FPU: Integrated
 CPU(s) enabled: 4 cores, 2 chips, 2 cores/chip
 CPU(s) orderable: 1, 2
 Parallel: No
 Primary Cache: 32KBI + 32KBD on chip per core
 Secondary Cache: 4MB(I+D) on chip (per chip)
 L3 Cache: N/A
 Other Cache: N/A
 Memory: 4 X 2GB 667MHz CL5 DDR2 FB-DIMM
 Disk Subsystem: Seagate Barracuda 7200.9 120GB IDE, 7200RPM
 Other Hardware: N/A

Software

Operating System: Windows Server 2003 Enterprise Edition 32-bits w/ SP1
 Compiler: Intel C++ and Fortran Compiler 9.1 for 32-bit applications
 Build 20060323Z Package ID: W_FC_P_9.1.020
 Microsoft Visual Studio 2005(for libraries)
 SmartHeap Library Version 8.0 from <http://www.microquill.com/>
 File System: NTFS
 System State: Default

Notes/Tuning Information

```
+FDO: PASS1= -Qprof_gen PASS2=-Qprof_use
Base tuning for Fortran programs: -fast -Qansi_alias +FDO
Base tuning for 177.mesa: -fast +FDO shlw32M.lib
Base tuning for 179.art: -fast +FDO shlw32M.lib
Base tuning for 183.quake: -fast +FDO shlw32M.lib
Base tuning for 188.amp: -fast +FDO shlw32M.lib
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: basepeak=yes
177.mesa: basepeak=yes
178.galgel: -fast -Qansi_alias +FDO
179.art: basepeak=yes
183.quake: -QxP -Oa -Qrcd -Qipo +FDO shlw32M.lib
```



CFP2000 Result

Copyright ©1999-2005, Standard Performance Evaluation Corporation

Supermicro

Motherboard X7DVA-E/8(3.00GHz, Intel Xeon 5160 processor)

SPECfp_rate2000 = 72.6

SPECfp_rate_base2000 = 72.8

SPEC license #01176 | Tested by: Supermicro | Test date: Jul-2006 | Hardware Avail: May-2006 | Software Avail: Mar-2006

Notes/Tuning Information (Continued)

```
187.facerec: -fast -Qunroll11 -Qscalar_rep- +FDO
188.amp: -fast -Oa +FDO shlw32M.lib
189.lucas: -fast -Qprefetch- +FDO
191.fma3d: basepeak=yes
200.sixtrack: -Qipo -QxP +FDO
301.apsi: -fast +FDO
```

Tested systems can be used with SC811S-520 case,
To ensure system stability, a 500W (minimum) ATX power supply [4-pin (+12V), 8-pin (+12V) and 24-pin are required]
Product description located as of X7DVA: <http://www.supermicro.com/products/motherboard/Xeon1333/5000V/X7DVA-8.cfm>
The system bus runs at 1333 MHz