CFP2000 Result

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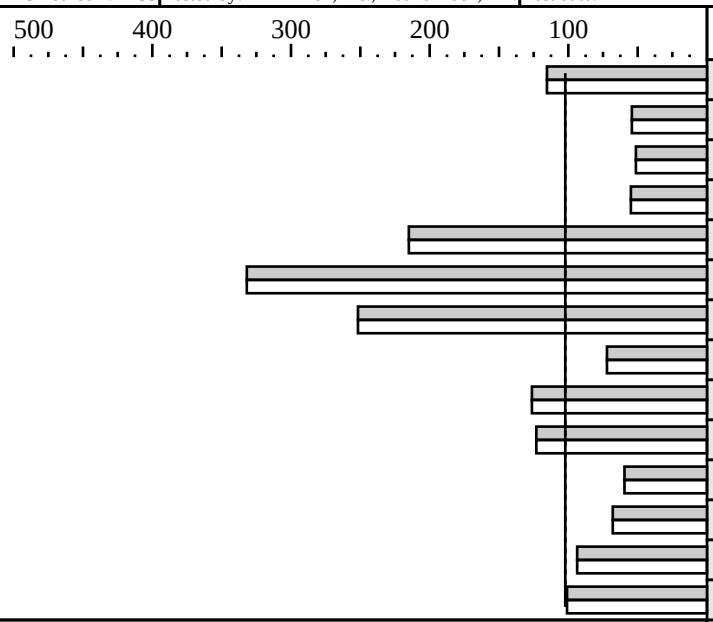
Dell

Precision Workstation 690 (Intel Xeon processor X5355, 2.66 GHz)

SPECfp_rate2000 = 102

SPECfp_rate_base2000 = 102

SPEC license #: 55 | Tested by: Dell, Inc., Round Rock, TX. | Test date: Nov-2006 | Hardware Avail: Nov-2006 | Software Avail: Jan-2007



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
168.wupwise	8	129	115	8	129	115
171.swim	8	531	54.2	8	531	54.2
172.mgrid	8	326	51.3	8	326	51.3
173.applu	8	355	54.9	8	355	54.9
177.mesa	8	60.4	215	8	60.4	215
178.galgel	8	81.1	332	8	81.1	332
179.art	8	95.9	252	8	95.9	252
183.equake	8	167	72.1	8	167	72.1
187.facerec	8	140	126	8	140	126
188.ammp	8	166	123	8	166	123
189.lucas	8	312	59.5	8	312	59.5
191.fma3d	8	287	68.0	8	287	68.0
200.sixtrack	8	109	93.6	8	109	93.6
301.apsi	8	239	101	8	239	101

Hardware

CPU:	Quad-Core Intel Xeon processor X5355 (1333 MHz system bus)
CPU MHz:	2666
FPU:	Integrated
CPU(s) enabled:	8 cores, 2 chips, 4 cores/chip
CPU(s) orderable:	1,2 chips
Parallel:	No
Primary Cache:	32KB(I) + 32KB(D) on chip, per core
Secondary Cache:	8 MB I+D on chip, per chip (4 MB shared per 2 cores)
L3 Cache:	N/A
Other Cache:	N/A
Memory:	8 GB (8 x 1 GB 667 MHz CL5 FB-DIMM DDR2 SDRAM)
Disk Subsystem:	1 x 73GB SAS 10K RPM
Other Hardware:	

Software

Operating System:	Windows XP Professional x64 Edition
Compiler:	Intel C++ Compiler 9.1 for IA32(20060519Z) Intel Fortran Compiler 9.1 for IA32(20060519Z) Microsoft Visual Studio .NET 2003(7.1.3088) MicroQuill SmartHeap Library 8.0
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
  FORTRAN:      -fast +FDO
  C     :       -fast +FDO shlW32M.lib
PEAK TUNING
  basepeak=yes
BIOS Settings
  Snoop Filter OFF
  Optmization for High Bandwidth FSB Applications ON
```