CFP2000 Result

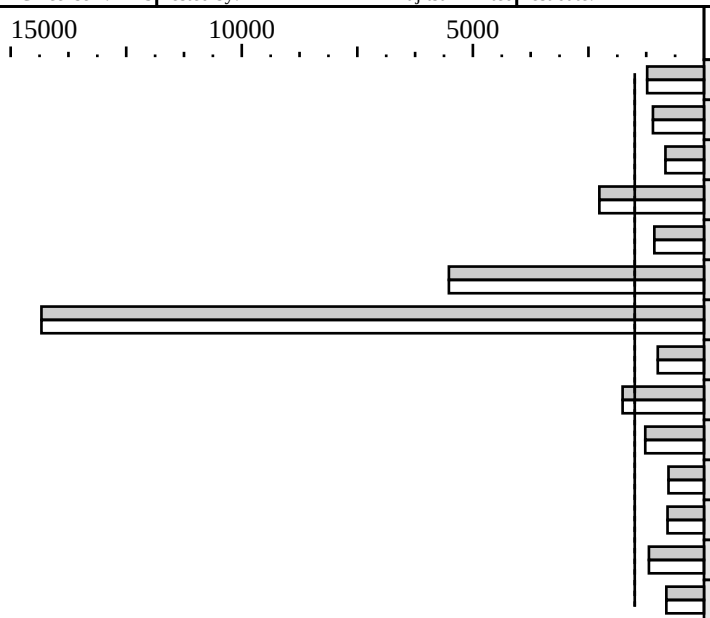
Copyright ©1999-2005, Standard Performance Evaluation Corporation

Fujitsu Limited
PRIMEQUEST 580

SPECfp_rate2000 = 1498

SPECfp_rate_base2000 = 1498

SPEC license #: 19 | Tested by: Fujitsu Limited | Test date: Jul-2006 | Hardware Avail: Aug-2006 | Software Avail: May-2006



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
168.wupwise	64	96.6	1229	64	96.6	1229
171.swim	64	208	1105	64	208	1105
172.mgrid	64	160	834	64	160	834
173.applu	64	68.9	2264	64	68.9	2264
177.mesa	64	96.7	1074	64	96.7	1074
178.galgel	64	39.0	5519	64	39.0	5519
179.art	64	13.5	14334	64	13.5	14334
183.equake	64	96.5	1000	64	96.5	1000
187.facerec	64	80.1	1761	64	80.1	1761
188.ammp	64	129	1271	64	129	1271
189.lucas	64	193	768	64	193	768
191.fma3d	64	198	789	64	198	789
200.sixtrack	64	68.5	1192	64	68.5	1192
301.apsi	64	237	815	64	237	815

Hardware

CPU:	Dual Core Intel(R) Itanium(R) 2 (1.6GHz/24MB, 533MHz FSB)
CPU MHz:	1600
FPU:	Integrated
CPU(s) enabled:	64 cores, 32 chips, 2 cores/chip (Hyper-Threading Technology disabled)
CPU(s) orderable:	1-32(chips)
Parallel:	no
Primary Cache:	16KBI + 16KBD on chip, per core
Secondary Cache:	1024KBI + 256KBD on chip, per core
L3 Cache:	12.0MB (I+D) on chip, per core
Other Cache:	N/A
Memory:	256GB (256x1GB DIMMs)
Disk Subsystem:	Fujitsu MAT3073NC (SCSI Ultra 320)
Other Hardware:	N/A

Software

Operating System:	Red Hat Enterprise Linux AS 4 Update2
Compiler:	Intel(R) C++ Compiler for Linux 9.1 (Build 20060523) Intel(R) Fortran Compiler for Linux 9.1 (Build 20060523)
File System:	ext2
System State:	Single-user

Notes/Tuning Information

```
+FDO: PASS1=-prof-gen PASS2=-prof-use
Baseline optimization flags:
  C programs:       -fast -IPF-fp-relaxed -ansi-alias +FDO
  Fortran programs: -fast -IPF-fp-relaxed +FDO
Peak optimization flags:
  same as base (basepeak=true)

Processes are bound to CPUs using taskset.
Memory system is in "Non Mirror Mode".

Portability Flags:
  178.galgel  :  -FI
```