



CFP2000 Result

Copyright ©1999-2005, Standard Performance Evaluation Corporation

Hewlett-Packard Company
ProLiant DL380 G4 (2.8GHz, Intel dual-core Xeon)

SPECfp_rate2000 = 40.3
SPECfp_rate_base2000 = 39.4

SPEC license #: 3 Tested by: Hewlett-Packard Company Test date: Sep-2005 Hardware Avail: Oct-2005 Software Avail: Jun-2005

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
168.wupwise	4	118	62.8	4	118	62.9
171.swim	4	569	25.3	4	570	25.3
172.mgrid	4	352	23.7	4	352	23.7
173.applu	4	403	24.2	4	400	24.4
177.mesa	4	115	56.7	4	114	56.8
178.galgel	4	131	103	4	130	103
179.art	4	146	82.5	4	146	82.5
183.quake	4	205	29.4	4	151	39.9
187.facerec	4	188	46.8	4	188	47.0
188.amp	4	246	41.5	4	246	41.5
189.lucas	4	369	25.2	4	370	25.1
191.fma3d	4	301	32.4	4	301	32.4
200.sixtrack	4	201	25.4	4	201	25.4
301.apsi	4	288	41.9	4	288	41.9

Hardware

CPU: Intel dual-core Xeon (2.8GHz, 2x2MB L2, 800MHz bus)
 CPU MHz: 2800
 FPU: Integrated
 CPU(s) enabled: 4 cores, 2 chips, 2 cores/chip (Hyper-Threading Technology disabled)
 CPU(s) orderable: 1,2
 Parallel: No
 Primary Cache: 12K micro-ops I + 16KBD (on chip) per core
 Secondary Cache: 2048KB(I+D) (on chip) per core
 L3 Cache: N/A
 Other Cache: N/A
 Memory: 4x2048MB PC2-3200
 Disk Subsystem: 1x72.8GB 15K Ultra320 SCSI
 Other Hardware:

Software

Operating System: Windows Server 2003 Enterprise SP1
 Compiler: Intel C++ Compiler for 32-bit applications, (Version 9.0 Build 20050624Z)
 Intel Fortran Compiler for 32-bit applications, (Version 9.0 Build 20050624Z)
 Microsoft Visual Studio .NET 7.0.9466 (for libraries)
 MicroQuill Smartheap Library 7.0
 File System: NTFS
 System State: Default

Notes/Tuning Information

+FDO: PASS1=-Qprof_gen PASS2=-Qprof_use

Base tuning: -fast -Qansi_alias +FDO

Portability flags:

178.galgel: -FI /F32000000

Peak tuning:

168.wupwise: -fast -Qansi_alias

+FDO

171.swim: -fast

-f77rtl +FDO ONESTEP=yes

172.mgrid: -fast -Qansi_alias

+FDO

173.applu: -fast -Qscalar_rep- -Qauto -f77rtl +FDO ONESTEP=yes

177.mesa: -fast

+FDO ONESTEP=yes

178.galgel: -fast

+FDO ONESTEP=yes

179.art: basepeak=1

183.quake: -fast -Oa -Qrcd

+FDO ONESTEP=yes shlw32M.lib

187.facerec: -fast -Qunroll1 -Qscalar_rep- -fpp +FDO ONESTEP=yes

188.amp: basepeak=1



CFP2000 Result

Copyright ©1999-2005, Standard Performance Evaluation Corporation

Hewlett-Packard Company
ProLiant DL380 G4 (2.8GHz, Intel dual-core Xeon)

SPECfp_rate2000 = 40.3
SPECfp_rate_base2000 = 39.4

SPEC license #: 3 | Tested by: Hewlett-Packard Company | Test date: Sep-2005 | Hardware Avail: Oct-2005 | Software Avail: Jun-2005

Notes/Tuning Information (Continued)

189.lucas: -fast
191.fma3d: basepeak=1
200.sixtrack: -fast +FDO
301.apsi: basepeak=1
BIOS Configuration Notes
Hyper-Threading Technology disabled