



CFP2000 Result

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Hewlett-Packard Company
ProLiant BL20p G3 (3.6GHz, Intel Xeon)

SPECfp2000 = 1791
SPECfp_base2000 = 1760

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	1000 2000 3000 4000			
168.wupwise	1600	62.3	2570	62.3	2568	[Bar chart showing ratio 2568]			
171.swim	3100	139	2238	137	2257	[Bar chart showing ratio 2257]			
172.mgrid	1800	118	1526	118	1531	[Bar chart showing ratio 1531]			
173.applu	2100	144	1457	144	1463	[Bar chart showing ratio 1463]			
177.mesa	1400	89.0	1572	89.1	1571	[Bar chart showing ratio 1571]			
178.galgel	2900	82.7	3508	82.7	3506	[Bar chart showing ratio 3506]			
179.art	2600	65.7	3957	65.7	3957	[Bar chart showing ratio 3957]			
183.quake	1300	68.4	1900	55.4	2346	[Bar chart showing ratio 2346]			
187.facerec	1900	104	1827	104	1830	[Bar chart showing ratio 1830]			
188.amp	2200	184	1194	184	1194	[Bar chart showing ratio 1194]			
189.lucas	2000	99.8	2005	97.3	2056	[Bar chart showing ratio 2056]			
191.fma3d	2100	143	1465	143	1465	[Bar chart showing ratio 1465]			
200.sixtrack	1100	170	647	170	647	[Bar chart showing ratio 647]			
301.apsi	2600	210	1241	210	1241	[Bar chart showing ratio 1241]			

Hardware

CPU: Intel Xeon (3.6GHz, 2MB L2, 800MHz bus)
CPU MHz: 3600
FPU: Integrated
CPU(s) enabled: 1 core, 1 chip, 1 core/chip (Hyper-Threading Technology disabled)
CPU(s) orderable: 1,2
Parallel: No
Primary Cache: 12K micro-ops I + 16KBD on chip
Secondary Cache: 2048KB(I+D) on chip
L3 Cache: N/A
Other Cache: N/A
Memory: 4x2048MB PC2-3200
Disk Subsystem: 1x36.4GB 15K Ultra320 SCSI
Other Hardware:

Software

Operating System: Windows Server 2003 Enterprise Edition SP1
Compiler: Intel C++ Compiler for 32-bit applications, (Version 8.1 Build 20050524Z)
Intel Fortran Compiler for 32-bit applications, (Version 8.1 Build 20050517Z)
Microsoft Visual Studio .NET 7.0.9466 (for libraries)
MicroQuill Smarheap 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

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info@spec.org

http://www.spec.org



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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