



CINT2000 Result

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Hewlett-Packard Company
ProLiant ML150 G3 (3.73 GHz, Intel Xeon processor 5080)

SPECint2000 = **1800**
SPECint_base2000 = **1790**

SPEC license #: 3 Tested by: Hewlett-Packard Company Test date: Jul-2006 Hardware Avail: May-2006 Software Avail: May-2006

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	1000 2000 3000 4000			
164.gzip	1400	109	1280	110	1278	[Bar chart showing ratio]			
175.vpr	1400	119	1175	116	1206	[Bar chart showing ratio]			
176.gcc	1100	50.1	2197	50.1	2197	[Bar chart showing ratio]			
181.mcf	1800	94.0	1914	94.0	1914	[Bar chart showing ratio]			
186.crafty	1000	71.5	1398	71.4	1400	[Bar chart showing ratio]			
197.parser	1800	118	1530	117	1536	[Bar chart showing ratio]			
252.eon	1300	51.2	2541	51.1	2542	[Bar chart showing ratio]			
253.perlbmk	1800	83.0	2168	81.1	2219	[Bar chart showing ratio]			
254.gap	1100	55.8	1971	54.9	2003	[Bar chart showing ratio]			
255.vortex	1900	62.7	3029	62.8	3026	[Bar chart showing ratio]			
256.bzip2	1500	117	1283	117	1283	[Bar chart showing ratio]			
300.twolf	3000	158	1894	158	1894	[Bar chart showing ratio]			

Hardware

CPU: Intel Xeon processor 5080 (3.73 GHz, 2x2 MB L2, 1066 MHz bus)
CPU MHz: 3730
FPU: Integrated
CPU(s) enabled: 2 cores, 1 chip, 2 cores/chip (Hyper-Threading Technology disabled)
CPU(s) orderable: 1,2 chips
Parallel: No
Primary Cache: 12 K micro-ops I + 16 KB D on chip per core
Secondary Cache: 2 MB I+D on chip per core
L3 Cache: N/A
Other Cache: N/A
Memory: 8 GB (4x2048 MB PC2-5300F)
Disk Subsystem: 1x36 GB 15 K SAS
Other Hardware:

Software

Operating System: Windows Server 2003 Enterprise SP1
Compiler: Intel C++ Compiler for 32-bit applications, (Version 9.1 Build 20060323Z)
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 for C programs: -fast +FDO ONESTEP=yes shlw32M.lib

Base tuning for C++ programs: -fast -Qcxx_features +FDO ONESTEP=yes

Portability flags:

176.gcc: -Dalloca=_alloca /F10000000

186.crafty: -DNT_i386

253.perlbmk: -DSPEC_CPU2000_NTOS -DPERLDLL /MT

254.gap: -DSYS_HAS_CALLOC_PROTO -DSYS_HAS_MALLOC_PROTO

Peak tuning:

164.gzip: -fast +FDO ONESTEP=yes

175.vpr: -fast +FDO ONESTEP=yes

176.gcc: basepeak=1

181.mcf: -fast +FDO ONESTEP=yes shlw32M.lib

186.crafty: -fast -Oa +FDO ONESTEP=yes shlw32M.lib

197.parser: -fast +FDO ONESTEP=yes

252.eon: -fast +FDO

253.perlbmk: -fast -Oa +FDO ONESTEP=yes shlw32M.lib

254.gap: -fast +FDO ONESTEP=yes

255.vortex: -fast +FDO ONESTEP=yes shlw32M.lib



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Notes/Tuning Information (Continued)

256.bzip2: basepeak=1
300.twolf: -fast +FDO shlw32M.lib
BIOS Configuration Notes
Hyper-Threading Technology disabled