



CINT2000 Result

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Unisys Corporation

ES7000/one (1.6GHz/24MB,Dual Core Itanium 2 9050)

SPECint_rate2000 = --

SPECint_rate_base2000 = 963

SPEC license #: 15 Tested by: Unisys Corporation Test date: Aug-2006 Hardware Avail: Aug-2006 Software Avail: Aug-2006

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	64	144	719			
175.vpr	64	122	854			
176.gcc	64	70.1	1164			
181.mcf	64	79.6	1678			
186.crafty	64	81.6	910			
197.parser	64	175	766			
252.eon	64	60.5	1596			
253.perlbmk	64	136	985			
254.gap	64	235	347			
255.vortex	64	90.6	1557			
256.bzip2	64	130	855			
300.twolf	64	212	1049			

Hardware

CPU: Intel(R) DC Itanium(R) 2 9050 (1.6GHz/24MB,400MHz FSB)
CPU MHz: 1600
FPU: Integrated
CPU(s) enabled: 64 cores, 32 chips, 2 cores/chip(Hyper-Threading Technology disabled)
CPU(s) orderable: 4,8,12,16,24,32 chips
Parallel: No
Primary Cache: 16KB(I)+16KB(D) on chip, per core
Secondary Cache: 1024KB(I)+256KB(D) on chip, per core
L3 Cache: 12MB(I+D) on chip, per core
Other Cache: 64MB per 4 chips
Memory: 256GB(128x2GB DIMMs)
Disk Subsystem: 1x36GB SCSI(10K RPM)
Other Hardware: N/A

Software

Operating System: Red Hat Enterprise Linux AS 4 Update4
Compiler: Intel(R) C++ Compiler 9.1 for Linux (Build 20060323)
File System: ext3
System State: multi-user

Notes/Tuning Information

+FDO: PASS1=-prof_gen PASS2=-prof_use

Base tuning:

C programs: -fast -auto_ilp32 +FDO

C++ programs: -fast -auto_ilp32 -IPF_fp_relaxed +FDO

Portability flags:

Portability Flags:

186.crafty: -DLINUX_i386

252.eon: -DSPEC_CPU2000_LP64 -DHAS_ERRLIST

253.perlbmk: -DSPEC_CPU2000_LP64 -DSPEC_CPU2000_NEED_BOOL
-DSPEC_CPU2000_LINUX_IA64

254.gap: -DSPEC_CPU2000_LP64 -DSYS_IS_USG -include unistd.h

255.vortex: -DSPEC_CPU2000_LP64

Processes are bound to CPUs using taskset utility.