

# Benchmark of ub-test / GNU/Linux on Sat Apr 12 2014

## BYTE UNIX Benchmarks (Version 5.1.3)

### Test System Information

<b>System:</b>	ub-test: GNU/Linux
<b>OS:</b>	GNU/Linux -- 3.2.0-60-virtual -- #91-Ubuntu SMP Wed Feb 19 04:13:28 UTC 2014
<b>Machine:</b>	x86_64: x86_64
<b>Language:</b>	en_US.utf8 (charmap="UTF-8", collate="UTF-8")
<b>CPUs:</b>	0: AMD Opteron(tm) Processor 4171 HE (4189.4 bogomips) Hyper-Threading, x86-64, MMX, AMD MMX, Physical Address Ext, SYSENTER/SYSEXIT, SYSCALL/SYSRET
	1: AMD Opteron(tm) Processor 4171 HE (4190.6 bogomips) Hyper-Threading, x86-64, MMX, AMD MMX, Physical Address Ext, SYSENTER/SYSEXIT, SYSCALL/SYSRET
<b>Uptime:</b>	14:38:07 up 13 min, 1 user, load average: 0.12, 0.16, 0.15; runlevel 2

### Benchmark Run: 2 CPUs; 1 parallel process

Time: 14:38:07 - 15:06:01; 27m 54s

### System Benchmarks

Test	Score	Unit	Time	Iters.	Baseline	Index
<b>Dhrystone 2 using register variables</b>	18513899.6	lps	10.0 s	7	116700.0	1586.5
<b>Double-Precision Whetstone</b>	2491.7	MWIPS	9.8 s	7	55.0	453.0
<b>Execl Throughput</b>	962.6	lps	29.9 s	2	43.0	223.9
<b>File Copy 1024 bufsize 2000 maxblocks</b>	640939.4	KBps	30.0 s	2	3960.0	1618.5
<b>File Copy 256 bufsize 500 maxblocks</b>	209106.9	KBps	30.0 s	2	1655.0	1263.5
<b>File Copy 4096 bufsize 8000 maxblocks</b>	1183133.2	KBps	30.0 s	2	5800.0	2039.9
<b>Pipe Throughput</b>	1401054.1	lps	10.0 s	7	12440.0	1126.2
<b>Pipe-based Context Switching</b>	24478.6	lps	10.0 s	7	4000.0	61.2
<b>Process Creation</b>	6182.1	lps	30.0 s	2	126.0	490.6
<b>Shell Scripts (1 concurrent)</b>	3885.8	lpm	60.0 s	2	42.4	916.5
<b>Shell Scripts (8 concurrent)</b>	805.8	lpm	60.1 s	2	6.0	1342.9
<b>System Call Overhead</b>	2203211.9	lps	10.0 s	7	15000.0	1468.8
<b>System Benchmarks Index Score:</b>						<b>766.3</b>

## Benchmark Run: 2 CPUs; 2 parallel processes

Time: 15:06:01 - 15:33:58; 27m 57s

### System Benchmarks

Test	Score	Unit	Time	Iters.	Baseline	Index
<b>Dhrystone 2 using register variables</b>	36814870.2	lps	10.0 s	7	116700.0	3154.7
<b>Double-Precision Whetstone</b>	4978.2	MWIPS	9.7 s	7	55.0	905.1
<b>Execl Throughput</b>	1885.6	lps	29.9 s	2	43.0	438.5
<b>File Copy 1024 bufsize 2000 maxblocks</b>	742798.9	KBps	30.0 s	2	3960.0	1875.8
<b>File Copy 256 bufsize 500 maxblocks</b>	211329.9	KBps	30.0 s	2	1655.0	1276.9
<b>File Copy 4096 bufsize 8000 maxblocks</b>	1609340.3	KBps	30.0 s	2	5800.0	2774.7
<b>Pipe Throughput</b>	2787606.5	lps	10.0 s	7	12440.0	2240.8
<b>Pipe-based Context Switching</b>	374243.5	lps	10.0 s	7	4000.0	935.6
<b>Process Creation</b>	18206.9	lps	30.0 s	2	126.0	1445.0
<b>Shell Scripts (1 concurrent)</b>	6160.7	lpm	60.0 s	2	42.4	1453.0
<b>Shell Scripts (8 concurrent)</b>	832.8	lpm	60.1 s	2	6.0	1388.1
<b>System Call Overhead</b>	2578182.6	lps	10.0 s	7	15000.0	1718.8
<b>System Benchmarks Index Score:</b>						<b>1451.4</b>

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