

Benchmark of DESKTOP-V5SJG8S / GNU/Linux on Sun Oct 04 2020

BYTE UNIX Benchmarks (Version 5.1.3)

Test System Information

System:	DESKTOP-V5SJG8S: GNU/Linux		
OS:	GNU/Linux -- 4.4.0-19041-Microsoft -- #488-Microsoft Mon Sep 01 13:43:00 PST 2020		
Machine:	x86_64: x86_64		
Language:	en_US.utf8 (charset="UTF-8", collate="UTF-8")		
CPUs:	0:	Intel(R) Core(TM) i3-9100F CPU @ 3.60GHz (7200.0 bogomips) Hyper-Threading, x86-64, MMX, Physical Address Ext, SYSENTER/SYSEXIT, SYSCALL/SYSRET, Intel virtualization	
	1:	Intel(R) Core(TM) i3-9100F CPU @ 3.60GHz (7200.0 bogomips) Hyper-Threading, x86-64, MMX, Physical Address Ext, SYSENTER/SYSEXIT, SYSCALL/SYSRET, Intel virtualization	
	2:	Intel(R) Core(TM) i3-9100F CPU @ 3.60GHz (7200.0 bogomips) Hyper-Threading, x86-64, MMX, Physical Address Ext, SYSENTER/SYSEXIT, SYSCALL/SYSRET, Intel virtualization	
	3:	Intel(R) Core(TM) i3-9100F CPU @ 3.60GHz (7200.0 bogomips) Hyper-Threading, x86-64, MMX, Physical Address Ext, SYSENTER/SYSEXIT, SYSCALL/SYSRET, Intel virtualization	
Uptime:	10:25:26 up 0 min, 0 users, load average: 0.52, 0.58, 0.59; runlevel		

Benchmark Run: 4 CPUs; 1 parallel process

Time: 10:25:26 - 10:53:27; 28m 01s

System Benchmarks

Test	Score	Unit	Time	Iters.	Baseline	Index
Dhrystone 2 using register variables	51293368.1	lps	10.0 s	7	116700.0	4395.3
Double-Precision Whetstone	8759.5	MWIPS	9.9 s	7	55.0	1592.6
Execl Throughput	555.7	lps	29.5 s	2	43.0	129.2
File Copy 1024 bufsize 2000 maxblocks	129395.0	KBps	30.0 s	2	3960.0	326.8
File Copy 256 bufsize 500 maxblocks	32715.4	KBps	30.0 s	2	1655.0	197.7
File Copy 4096 bufsize 8000 maxblocks	409831.5	KBps	30.0 s	2	5800.0	706.6
Pipe Throughput	278333.2	lps	10.0 s	7	12440.0	223.7
Pipe-based Context Switching	78599.7	lps	10.0 s	7	4000.0	196.5
Process Creation	1084.0	lps	30.0 s	2	126.0	86.0
Shell Scripts (1 concurrent)	1697.4	lpm	60.0 s	2	42.4	400.3
Shell Scripts (8 concurrent)	380.4	lpm	60.1 s	2	6.0	634.0
System Call Overhead	248335.7	lps	10.0 s	7	15000.0	165.6
System Benchmarks Index Score:						369.9

Benchmark Run: 4 CPUs; 4 parallel processes

Time: 10:53:27 - 11:21:32; 28m 05s

System Benchmarks

Test	Score	Unit	Time	Iters.	Baseline	Index
Dhrystone 2 using register variables	199736981.9	lps	10.0 s	7	116700.0	17115.4
Double-Precision Whetstone	33903.8	MWIPS	9.8 s	7	55.0	6164.3
Execl Throughput	1326.5	lps	30.0 s	2	43.0	308.5
File Copy 1024 bufsize 2000 maxblocks	200804.3	KBps	30.0 s	2	3960.0	507.1
File Copy 256 bufsize 500 maxblocks	52824.5	KBps	30.0 s	2	1655.0	319.2
File Copy 4096 bufsize 8000 maxblocks	564698.3	KBps	30.0 s	2	5800.0	973.6
Pipe Throughput	1030200.0	lps	10.0 s	7	12440.0	828.1
Pipe-based Context Switching	361426.4	lps	10.0 s	7	4000.0	903.6
Process Creation	2224.8	lps	30.0 s	2	126.0	176.6
Shell Scripts (1 concurrent)	2936.6	lpm	60.1 s	2	42.4	692.6
Shell Scripts (8 concurrent)	388.5	lpm	60.3 s	2	6.0	647.5
System Call Overhead	919298.8	lps	10.0 s	7	15000.0	612.9
System Benchmarks Index Score:						869.3

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