

www.phoronix-test-suite.com

Debian 10 Performance

Various open-source benchmarks by the Phoronix Test Suite v10.2.2 (Harstad).

Test Systems:

Intel Core i5-5200U

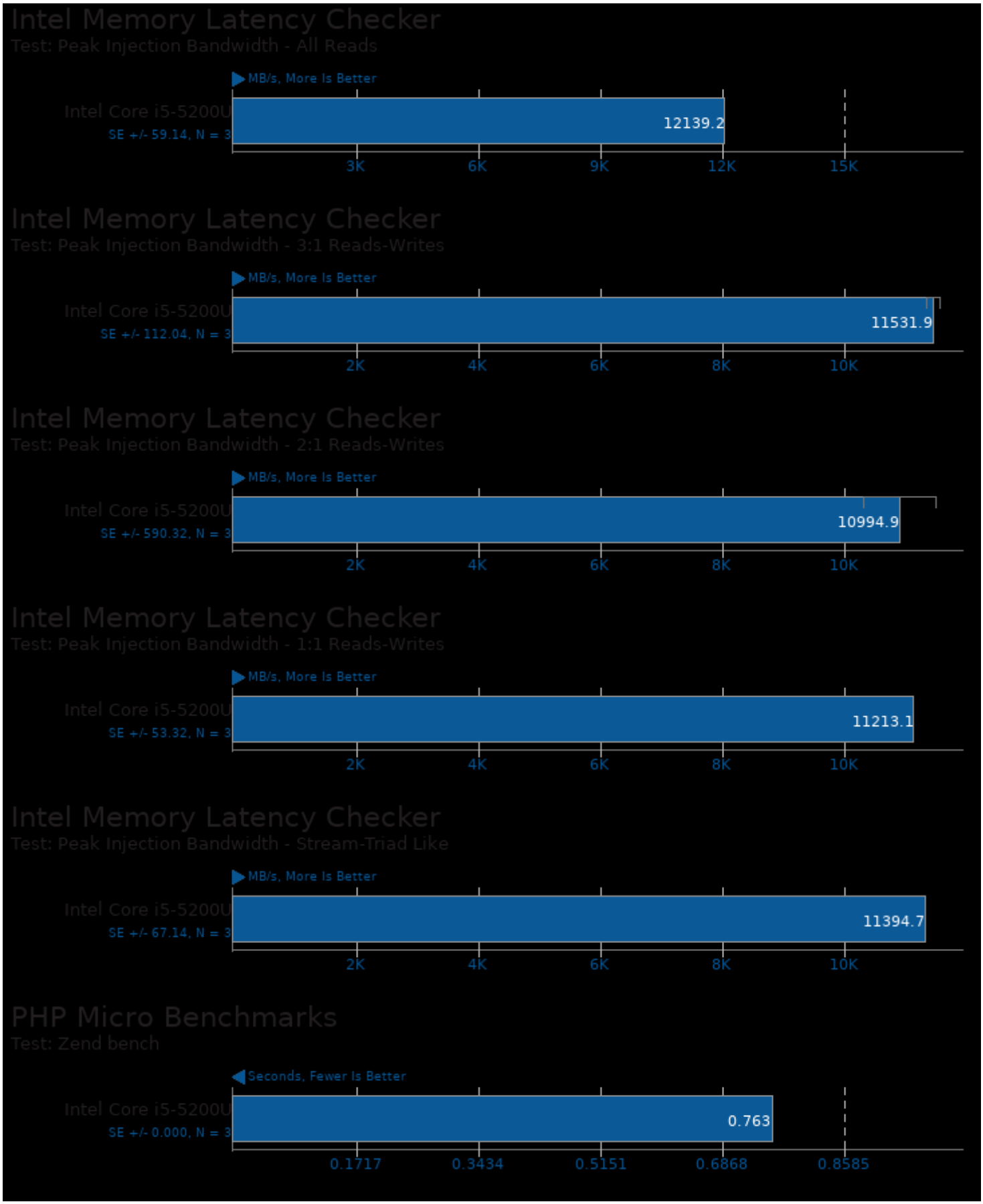
Processor: Intel Core i5-5200U @ 2.10GHz (2 Cores / 4 Threads), Motherboard: INTEL CRESCENTBAY (5.6.5 BIOS), Chipset: Intel Broadwell-U-OPI, Memory: 8GB, Disk: 480GB KINGSTON SUV500M, Graphics: Intel HD 5500 3GB (900MHz), Audio: Intel Broadwell-U Audio, Monitor: PL2409HD, Network: Realtek RTL8111/8168/8411 + Broadcom BCM43224 802.11a/b/g/n

OS: Debian 10, Kernel: 4.19.0-16-amd64 (x86_64), Desktop: GNOME Shell 3.30.2, Display Server: X Server + Wayland, OpenGL: 4.5 Mesa 18.3.6, Compiler: GCC 8.3.0, File-System: ext4, Screen Resolution: 1920x1080

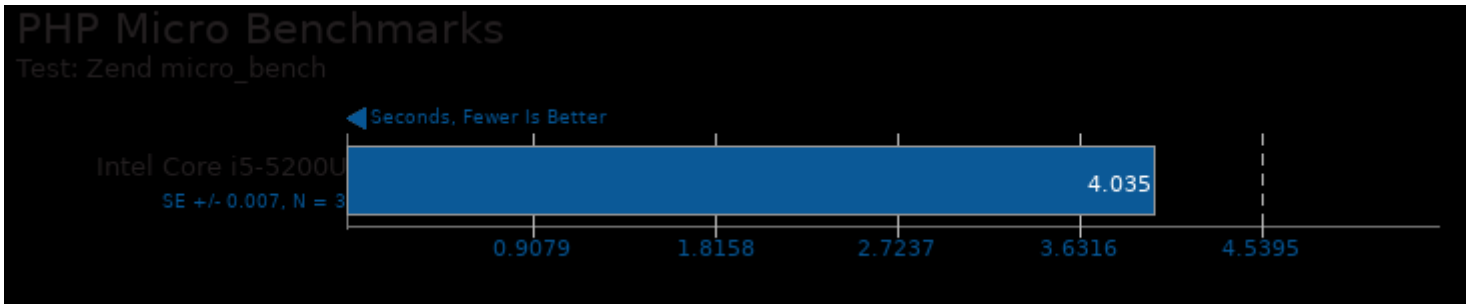
Kernel Notes: Transparent Huge Pages: always
Processor Notes: Scaling Governor: intel_pstate powersave - CPU Microcode: 0x16
Java Notes: OpenJDK Runtime Environment (build 11.0.9.1+1-post-Debian-1deb10u2)
Security Notes: itlb_multihit: KVM: Mitigation of Split huge pages + l1tf: Mitigation of PTE Inversion; VMX: conditional cache flushes SMT vulnerable + mds: Vulnerable: Clear buffers attempted no microcode; SMT vulnerable + meltdown: Mitigation of PTI + spec_store_bypass: Vulnerable + spectre_v1: Mitigation of usercopy/swapgs

barriers and __user pointer sanitization + spectre_v2: Mitigation of Full generic retpoline STIBP: disabled RSB filling + srbds: Vulnerable: No microcode + tsx_async_abort: Not affected

	Intel Core i5-5200U
Intel Memory Latency Checker - P.I.B - All Reads (MB/s)	12139
Standard Deviation	0.8%
Intel Memory Latency Checker - P.I.B - 3:1 Reads-Writes (MB/s)	11532
Standard Deviation	1.7%
Intel Memory Latency Checker - P.I.B - 2:1 Reads-Writes (MB/s)	10995
Standard Deviation	9.3%
Intel Memory Latency Checker - P.I.B - 1:1 Reads-Writes (MB/s)	11213
Standard Deviation	0.8%
Intel Memory Latency Checker - P.I.B - Stream-Triad Like (MB/s)	11395
Standard Deviation	1%
PHP Micro Benchmarks - Zend bench (sec)	0.763
Standard Deviation	0.1%
PHP Micro Benchmarks - Zend micro_bench (sec)	4.035
Standard Deviation	0.3%


Intel Memory Latency Checker
Test: Peak Injection Bandwidth - All Reads
MB/s, More Is Better
Intel Core i5-5200U
SE +/- 59.14, N = 3
12139.2
3K
6K
9K
12K
15K
Intel Memory Latency Checker
Test: Peak Injection Bandwidth - 3:1 Reads-Writes
MB/s, More Is Better
Intel Core i5-5200U
SE +/- 112.04, N = 3
11531.9
2K
4K
6K
8K
10K
Intel Memory Latency Checker
Test: Peak Injection Bandwidth - 2:1 Reads-Writes
MB/s, More Is Better
Intel Core i5-5200U
SE +/- 590.32, N = 3
10994.9
2K
4K
6K
8K
10K
Intel Memory Latency Checker
Test: Peak Injection Bandwidth - 1:1 Reads-Writes
MB/s, More Is Better
Intel Core i5-5200U
SE +/- 53.32, N = 3
11213.1
2K
4K
6K
8K
10K
Intel Memory Latency Checker
Test: Peak Injection Bandwidth - Stream-Triad Like
MB/s, More Is Better
Intel Core i5-5200U
SE +/- 67.14, N = 3
11394.7
2K
4K
6K
8K
10K
PHP Micro Benchmarks
Test: Zend bench
Seconds, Fewer Is Better
Intel Core i5-5200U
SE +/- 0.000, N = 3
0.763
0.1717
0.3434
0.5151
0.6868
0.8585

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This file was automatically generated via the Phoronix Test Suite benchmarking software on Thursday, 28 March 2024 18:37.