

RN Performance Dashboard for SM8250 LA 2.0.1 CS

Device Configuration

Chipset	SM8250 LA 2.0.1
CPU	Octa-core
	1xPrime (A76) @2.8GHz
	3xGold (A76) @2.4GHz
	4xSilver (A55) @1.8GHz
GPU	Adreno 650
	587MHz
Memory	LPDDR5
	6GB
Display	QHD+(1440x2880) 60FPS
Android	S
Governor	Schedutil

Boot time

Time in Sec (~)	SM8250 LA 2.0.1
Boot Time (Stopwatch)	10.8
Boot Time Log Based	10.5

NOTE: ~ Lower is better

Scroll Performance (Stock/Global/China Applications) – Speed Mode (90fps)

FPS	App Version	SM8250 LA 2.0.1
Photos Scroll	5.44.0	60
Contacts Scroll	1.7.33	60
Chrome Browser Scroll	92.0.4515.115	60
Email Scroll	Version S	60
Twitter Scroll	8.83.0	59
UC 浏览器 (UC Browser)	13.3.8.1118	60

Launch Latencies (Stock/OEM/Global/China specific APP) – Speed Mode

Cold Start (m sec)	App Version	SM8250 LA 2.0.1
Photos	5.58.0	423
Contacts	1.7.31	407
Chrome Browser	91.0.4472.120	565
Twitter	8.83.0	604
AngryBirds	8.0.3	6479
UC 浏览器 (UC Browser)	13.3.8.1118	2267

NOTE: ~ Lower is better

System Benchmarks

	App Version	SM8250 LA 2.0.1
Antutu	9.0.6	658330
Geekbench ST	5.3.1	900
Geekbench MT	5.3.1	3322
PCMark Work Performance	3.0.4054	10823

Brower Benchmarks

Chrome (v92.0.4515.115, 32-bit)	App Version	SM8250 LA 2.0.1
Jetstream	2.0	75.1
Kraken~	1.1	1621.3
Speedometer	2.0	48.9

NOTE: ~ Lower is better

Graphics Benchmarks

	App version	SM8250 LA 2.0.1
GfX 5.0 (ES 3.0) Manhattan (Off-screen -1080P)	GFX_Ver.5.0	129.60
GfX 5.0 (ES 3.1) Manhattan (Off-screen -1080P)	GFX_Ver.5.0	89.14
GFXBench 5.0 (ES 2.0) T-Rex (Off-screen -1080P)	GFX_Ver.5.0	212.70
GFXBench 5.0 (ES 3.1) Car Chase (Off-screen -1080P)	GFX_Ver.5.0	54.01
Aztec_ruins_Vulkan (Off-screen-1440P)	GFX_Ver.5.0	22.09
3Dmark-Slingshot Unlimited Overall_Score	1.5.3074	8803.33

Memory Map

	SM8250 LA 2.0.1 S
	64-bit
	6 GB QHD+
Memory Map	(GMS 12_beta)
Non-HLOS	310
Linux Kernel	153
Android Framework + Apps	2150
Free Memory (Free Memory = Free + Cached + Buffers + ION Cache)	3512
zRam Savings	0