

The 2-nm Samsung Exynos 2600 processor showed top-end results in Geekbench

The new Samsung Exynos 2600 processor, created using 2-nm technology, demonstrated good results in Geekbench. Earlier in July, the chip showed modest indicators - 2,155 points in a single -core and 7,788 in multi -core mode. Now the results have grown to 3 309 and 11 256, respectively, which puts it above Snapdragon 8 Elite, although not Snapdragon 8 Elite 2.

The increase in performance is explained by an increase in the frequencies of nuclei. The main cortex-X930 core now operates at 3.8 GHz instead of 3.55 GHz. Three productive cortex-a730 kernel nuclei are dispersed to 3.26 GHz (previously 2.96 GHz), and six energy-efficient cortex-a730 nuclei-up to 2.76 GHz instead of 2.46 GHz.

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Geekbench

Samsung Electronics Co., Ltd. Full Android on S5E9965 ERD

3309

Single-Core Score

11256

Multi-Core Score

Geekbench 6.4.0 for Android AArch64

Result Information

Upload Date	August 29 2025 08:21 AM
Views	3

System Information

System Information	
Operating System	Android 16
Model	Samsung Electronics Co., Ltd. Full Android on S5E9965 ERD
Model ID	Samsung Electronics Co., Ltd. Full Android on S5E9965 ERD
Motherboard	s5e9965
Governor	energy_aware

CPU Information

Name	ARM ARMv8
Topology	1 Processor, 10 Cores
Identifier	ARM implementer 65 architecture 8 variant 1 part 3468 revision 0
Base Frequency	2.76 GHz
Cluster 1	6 Cores @ 2.76 GHz
Cluster 2	3 Cores @ 3.26 GHz
Cluster 3	1 Core @ 3.80 GHz
Instruction Sets	neon aes sha1 sha2 neon-fp16 neon-dotprod sve i8mm sme-i832 sme-f32f32 sme2

Memory Information

Size	11.19 GB
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Exynos 2600 will be the first Samsung chip released by 2-nm GAA technology. To avoid overheating, the processor will probably get Heat Path Block technology - a microdring radiator directly above the nuclei and memory.

It is expected that Exynos 2600 will appear in the Galaxy S26 Pro and S26 Edge in early 2026.

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