

Samsung Galaxy S24 series officially launched, supporting 7 years of software updates.

According to the latest revelation from technology expert itnyang, the Galaxy S24 Ultra may be the smartphone model with the brightest screen ever, with a brightness of 2200 nits or more.

After months of rumors and leaks, Samsung has finally officially announced the Galaxy S24 series models on the Unpacked event stage this morning with three models: Galaxy S24, Galaxy S24+ (plus) and Galaxy S24 Ultra.

The highlight on the product line is mainly improvements in hardware specifications, along with some new features focusing on artificial intelligence (AI). Notably, Samsung's press release also revealed that this will be the company's first smartphone line to be supported for 7 years of software updates, equivalent to 7 years of continuous operating system upgrades.

Galaxy S24 models are shipped with Android 14, which means they will be updated to Android version 21. In the past, due to the diversity and high customization of Android variants, maintaining Continuously updating software over a long period of time always makes it difficult for manufacturers. This is a very remarkable effort by Samsung compared to the 4-year Android update policy and 5-year security update policy that the company has applied since 2022, while also catching up with Google's update policy with the Pixel line. 8.





As for hardware upgrades, below is a comparison table of technical specifications between the three models in the Galaxy S24 series product line:

	Samsung Galaxy S24	Samsung Galaxy S24+	Samsung Galaxy S24 Ultra
Screen	6.2-inch FHD+ Dynamic AMOLED 2X screen Super smooth 120Hz scanning frequency (1~120Hz) Vision booster	6.7-inch FHD+ Dynamic AMOLED 2X screen Super smooth 120Hz scanning frequency (1~120Hz) Vision booster	6.8 inches QHD+ Dynamic AMOLED 2X screen Super smooth 120Hz scanning frequency (1~120Hz) Vision booster

Camera	12MP F2.2 Super Wide-angle camera, FOV 120? 50 MP OIS F1.8 wide-angle camera, FOV 85? Telephoto camera 10MP 3x optical zoom, F2.4, FOV 36? Front camera 12MP F2.2, FOV 80?	12MP F2.2 Super Wide-angle camera, FOV 120? 50 MP OIS F1.8 wide-angle camera, FOV 85? Telephoto camera 10MP 3x optical zoom, F2.4, FOV 36? Front camera 12MP F2.2, FOV 80?	12MP F2.2 Super Wide-angle camera, FOV 120? 200 MP OIS F1.7 wide-angle camera, FOV 85? Tele camera 50MP 5x optical zoom, OIS F3.4, FOV 22? 10MP Tele camera 3x optical zoom, OIS F2.4, FOV 36? Front camera 12MP F2.2, FOV 80?
Processor	Snapdragon 8 Gen 3 Mobile Platform, Exynos 2400 for Galaxy	Snapdragon 8 Gen 3 Mobile Platform, Exynos 2400 for Galaxy	Snapdragon 8 Gen 3 Mobile Platform for Galaxy
Memory and storage	8 + 512GB 8 + 256GB	12 + 512GB 12 + 256GB	12GB + 1TB 12 + 512GB 12 + 256GB
Battery and charger	4,000mAh Battery, Wired Charging, Fast Wireless Charging 2.0, Wireless PowerShare	4,900mAh battery, , Wired charging, Fast wireless charging 2.0, Wireless PowerShare	5,000 mAh battery, , Wired charging, Fast wireless charging 2.0, Wireless PowerShare
Operating system			
Size and weight	70.6 x 147 x 7.6mm, 167g (Sub6)	75.9 x 158.5 x 7.7mm, 196g (Sub6)	79 X 162.3 X 8.6mm, 232g (Sub6)
Color	Onyx Black, Marble Gray, Cobalt Purple, Amber Yellow.	Onyx Black, Marble Gray, Cobalt Purple, Amber Yellow.	Titanium Gray, Titanium Black, Titanium Purple, Titanium Gold
Water resistant	IP86	IP86	IP86

Along with hardware specifications, Samsung announced several AI features that will be included in its flagship smartphone lineup in 2024:

1. **Live Translate** : Supports two-way voice and text translation from calls without opening any third-party applications. On-device AI will directly perform tasks to ensure privacy for every conversation.
2. **Interpreter** : Translate live chats instantly in split-screen mode, allowing users to read translated text from what the other person said in real time. This function can even work without mobile data or Wi-Fi.

3. **Chat Assist** (Smart Chat Assistant): Supports text completion with conversational style to ensure the exchange takes place according to the desired tone. Samsung Keyboard's built-in AI is also capable of translating messages, emails and more in real time into 13 different languages.
4. **Note Assist** : Create quick summaries with AI, format notes according to available templates, and create summary cover pages in the Samsung Notes app. For voice recordings, Transcript Assist will use AI and speech-to-text technology to transcribe, summarize, or even translate the recording.

Additionally, Samsung is also working with Google to add more AI features to the Galaxy S24 series, including Google's Gemini Pro AI large language model. This brings the ability to use AI LLM, Gemini Nano on the device and owners will be able to test the upcoming Gemini Ultra LLM.

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