

CompareUpgrade

Compare Z Flip Models

Explore Z Flip6 Specs and Colors

Galaxy Z Flip6

Galaxy Z Flip5

Galaxy Z Fold5



Color

☒

☐

☐

☐

Blue

Samsung.com only

☐

☐

☐



Color

☒

☐

☐

☐

Mint

Samsung.com only

☐

☐

☐



Color

☒

☐

☐

Icy Blue

Samsung.com only

☐

Feedback

Galaxy AI

Part of business? Chat with an Expert

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Communication

Interpreter
Live Translate
Chat Assist

Productivity

Circle to Search
Note Assist
Transcript Assist

Creativity

Photo Assist
Drawing Assist

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Display Size²

Cover Display Dimension	Cover Display Dimension	Cover Display Dimension
		
3.4"	3.4"	6.2"
Main Display Dimension	Main Display Dimension	Main Display Dimension
		
6.7"	6.7"	7.6"

Weight & Size³

Weight	Weight	Weight
187g	187g	253g
Folded	Folded	Folded
85.1 x 71.9 x 14.9	85.1 x 71.9 x 15.1	154.9 x 67.1 x 13.4
Unfolded	Unfolded	Unfolded
165.1 x 71.9 x 6.9	165.1 x 71.9 x 6.9	154.9 x 129.9 x 6.1
Flex Hinge	Flex Hinge	Flex Hinge

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Yes

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Display Spec

Cover Screen

Resolution	Resolution	Resolution
720 x 748	720 x 748	2316 x 904 (HD+)
Super AMOLED	Super AMOLED	Dynamic AMOLED 2X
Peak Brightness	Peak Brightness	Peak Brightness
1600nits	1600nits	1750nits
Refresh Rate	Refresh Rate	Refresh Rate
60Hz	60Hz	120Hz

Full Screen

Resolution	Resolution	Resolution
2640 x 1080 (FHD+)	2640 x 1080 (FHD+)	2176 x 1812 (QXGA+)
Dynamic AMOLED 2X	Dynamic AMOLED 2X	Dynamic AMOLED 2X
Peak Brightness	Peak Brightness	Peak Brightness
2600nits	1750nits	1750nits
Adaptive Refresh Rate	Adaptive Refresh Rate	Adaptive Refresh Rate
1~120Hz (Adaptive)	1~120Hz	1~120Hz

Memory

Storage	Storage	Storage
		
-	-	-
256GB	256GB	256GB
512GB	512GB	512GB
-	-	1TB

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-

-

12GB

-

Memory



-

8GB

-

Memory



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-

-

12GB

-

Camera

		
Front Camera	Front Camera	Front Camera
10MP	10MP	10MP / 4MP UDC
Wide-angle Camera	Wide-angle Camera	Wide-angle Camera
	12MP	50MP
Telephoto	Telephoto	Telephoto
-	-	10MP
Ultra Wide Camera	Ultra Wide Camera	Ultra Wide Camera
12MP	12MP	12MP
Zoom	Zoom	Zoom
	10X Digital	3X Optical Zoom / 30X Space Zoom
Camera Features	Camera Features	Camera Features
		
ProVisual Engine, FlexCam, Auto Zoom, Cover Screen Preview, Portrait, Portrait Video, Hyperlapse, Super Steady, Single Take, Dual Rec, Auto Framing Video, Nightography, Hyperlapse, Expert RAW, Portrait Studio, Live Effect, Instant Slow-mo	Quick Shot, Cover Screen Preview, Portrait, Portrait Video, Hyperlapse, Super Steady, Single Take, Director's View, Auto Framing Video, Nightography, Hyperlapse	Rear Camera Selfie, Cover Screen Preview, Capture View, Portrait, Portrait Video, Hyperlapse, Super Steady, Single Take, Director's View, Auto Framing Video, Nightography, Hyperlapse, Expert RAW

Battery

		
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<div>Part of a business? Chat with an expert now.</div> <div>Act Fast, Chat with an Expert about Big Tournament Limited-Time Offers Now!</div>	<div>3700mAh</div> <div>20 hours of video playback</div> <div>Up to 68 hours of audio playback</div>	<div>4400mAh</div> <div>Chat with a Concierge Agent now for limited-time offers!</div> <div>Up to 74 hours of audio playback</div>
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Cover Screen⁷

		
Yes	Yes	Yes

FlexMode⁸

<div>FlexMode</div> <div></div> <div>Yes</div>	<div>FlexMode</div> <div></div> <div>Yes</div>	<div>FlexMode</div> <div></div> <div>Yes</div>
<div>FlexMode Panel</div> <div></div> <div>Yes</div>	<div>FlexMode Panel</div> <div></div> <div>Yes</div>	<div>FlexMode Panel</div> <div></div> <div>Yes</div>

Processor (AP)

		
Snapdragon® 8 Gen 3 Mobile Platform for Galaxy	Snapdragon® 8 Gen 2 Mobile Platform for Galaxy	Snapdragon® 8 Gen 2 Mobile Platform for Galaxy
Octa Core (up to 3.4GHz)	Octa-Core (up to 3.36GHz)	Octa-Core (up to 3.36GHz)

Du		
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Armor Aluminum (Enhanced)	Armor Aluminum	Armor Aluminum
		
Corning® Gorilla® Glass Victus® 2	Corning® Gorilla® Glass Victus® 2	Corning® Gorilla® Glass Victus® 2
		
IP48	IPX8	IPX8

Galaxy Exclusives¹⁰

Samsung Care+

SC+

Yes

Samsung Health



Yes

Samsung Wallet



Yes

Samsung Care+

SC+

Yes

Samsung Health



Yes

Samsung Wallet



Yes

Samsung Care+

SC+

Yes

Samsung Health



Yes

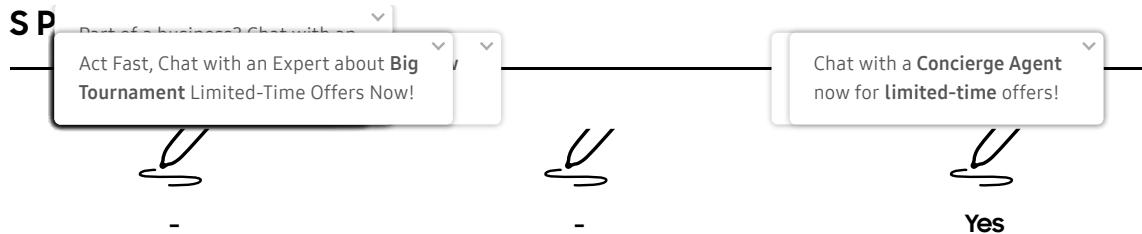
Samsung Wallet



Yes

Connectivity¹¹

5G**5G****5G**



*All specifications and descriptions provided herein may be different from the actual specifications and descriptions for the product. Samsung reserves the right to make changes to this document and the product described herein, at anytime, without obligation on Samsung to provide notification of such change. All functionality, features, specifications, GUI and other product information provided in this document including, but not limited to, the benefits, design, pricing, components, performance, availability and capabilities of the product are subject to change without notice or obligation. The contents within the screen are simulated images and are for demonstration purposes only.

*Color availability may vary depending on country or carrier.

*Online exclusive colors only available on Samsung.com.

⁹ For a limited time only, on Samsung.com / Shop Samsung App, or purchase a new qualifying Galaxy device ("Qualifying Purchase"), send in your qualifying trade-in device to Samsung through the Samsung Trade-In Program, and if Samsung determines your trade-in device meets all eligibility requirements, you will receive a trade-in credit specific to your qualifying trade-in device to apply toward your Qualifying Purchase. Device models that currently qualify for trade-in and trade-in credit amounts associated with those models are available on Samsung.com and the Shop Samsung App; eligible models and amounts may change at Samsung's sole discretion. To be eligible for trade-in, your qualifying device must meet all Trade-In Program eligibility requirements, which include, but are not limited to, that the device powers on, holds a charge, and does not power off unexpectedly; has a functioning display; has no breaks or cracks in the screen (unless a cracked screen offer applies); has no breaks or cracks in the case; has no liquid damage (whether visible or not); has no other defects that go beyond normal wear and tear; is not on a black list; has a verified FCC ID; has been reset to factory settings; has all personal information removed; has all software locks disabled; and is owned by you (leased devices are not eligible). Anticipated trade-in value will be applied as a credit at time of purchase, but, if you do not send in your trade-in device within 15 days of receipt of your Qualifying Purchase, you will be charged back for the trade-in credit applied to your purchase, or if you send in your trade-in device within 15 days of receipt of your Qualifying Purchase but Samsung determines your device does not meet all eligibility requirements, you will be charged back for the trade-in credit applied to your purchase minus \$25. Participation in this program does not excuse you from contracts with your carrier or retailer (or any related payments or fees) for the device that was traded in. Limit 1 trade-in per Qualifying Purchase. Samsung reserves the right to modify or discontinue this offer at any time. The Trade-In Program cannot be combined with any other Samsung, carrier or retailer promotions, discounts, or offers unless specifically provided for in the terms and conditions of such offers. Additional terms, including terms that govern the resolution of disputes, apply. [Click here](#) to learn more.

⁹ 11/18/2024 – 12/3/2024, Promotional discount up to \$250 applies while supplies last, at samsung.com or in the Shop Samsung App when purchasing select Galaxy Z Flip 6 device. Void where prohibited or restricted by law. [Click here](#) to learn more.

1. *Samsung Account login may be required to use certain Samsung AI features.

*Samsung does not make any promises, assurances or guarantees as to the accuracy, completeness or reliability of the output provided by AI features.

*Availability of Galaxy AI features may vary depending on the region/country, OS/One UI version, device model, and phone carrier.

*Galaxy AI features will be provided for free until the end of 2025 on supported Samsung Galaxy devices. Different terms may apply for AI features provided by third parties.

*Galaxy AI service may be limited for minors in certain regions with age restrictions over AI usage.

*Interpreter feature requires Samsung Account login. Certain languages may require language pack download. Service availability may vary by language. Accuracy of results is not guaranteed. Availability and supported features may vary by country, region or carrier. Availability of supported languages may vary.

*Sequences shortened and simulated. Results for illustrative purposes only. Service availability may vary by country, language, device model. Requires internet connection. Users may need to update Android and Google app to the latest version. Works on compatible apps and surfaces. Results may vary depending on visual matches. Accuracy of results is not guaranteed. Circle to Search is not available via the FlexWindow.

*Suggested Replies feature requires network connection to receive messages. It can suggest replies without network connection once the messages are received by the device. Samsung Account login required. Suggested Replies feature is only supported from the FlexWindow. Service availability may vary by language, country and app. Accuracy of results is not guaranteed.

*Composer feature for Chat Assist requires a network connection and Samsung Account login. This feature is activated when a certain number of characters is met. Service availability may vary by language. Accuracy of results is not guaranteed.

*Translate feature for Interpreter requires Samsung Account login. Certain languages may require language pack download. Service availability may vary by language. Accuracy of results is not guaranteed. Availability and supported features may vary by country, region or carrier. Availability of supported languages may vary.

*Live Translate feature requires network connection to receive call messages. It can translate without network connection once the call messages are received by the device. Samsung Account login required. Live Translate feature is only available on pre-installed Samsung Phone apps and some third-party apps. Service availability may vary by language or region. Certain languages may require language pack download. Accuracy of results is not guaranteed.

*Summary feature for Note Assist requires a network connection and Samsung Account login. Service availability may vary by language. Summary feature for Note Assist is activated when a certain number of characters is met and is under the character limit. Voice recording feature for Note Assist may not be supported in some countries. Audio files must be under 3 hours in duration to be processed. Accuracy of results is not guaranteed.

*Features supported by Photo Assist may vary by device.

*Transcription and Summary features for Transcript Assist require a network connection and Samsung Account login. Features for Transcript Assist only available on the pre-installed Samsung Voice Recorder app or files recorded using the pre-installed Samsung Phone app, Samsung Notes app or Samsung Interpreter app. Voice recording feature

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Service availability may vary by language and Samsung Account login. Editing with Portrait Studio indicates that the image is generated by AI. The accuracy and reliability of the generated output is not guaranteed.

- *Instant Slow-mo feature for Photo Assist is available on Samsung Video Player and Samsung Gallery. May not be available on certain video file types. Accuracy of results not guaranteed.
- *Portrait Studio feature for Photo Assist requires a network connection and Samsung Account login. Editing with Portrait Studio results in a resized photo up to 9MP. A visible watermark is overlaid on the image output upon saving in order to indicate that the image is generated by AI. The accuracy and reliability of the generated output is not guaranteed.
- *Live Effect feature for Photo Assist requires photos to be over 500x500 in resolution and under 16 megapixels. Supports JPG, HEIC (HEIF), BMP, PNG and WebP files. The accuracy and reliability of the generated output is not guaranteed.
- *Sketch to Image feature requires a network connection and Samsung Account login. Editing with Sketch to Image may result in a resized photo up to 12MP. A visible watermark is overlaid on the image output upon saving in order to indicate that the image is generated by AI. The accuracy and reliability of the generated output is not guaranteed.
- *Measured diagonally in full rectangle. Actual viewable area is less due to rounded corners and/or camera hole.
- *Measured diagonally, Galaxy S24's screen size is 6.2" in the full rectangle and 6.0" accounting for the rounded corners, Galaxy S24+'s screen size is 6.7" in the full rectangle and 6.5" accounting for the rounded corners, and Galaxy S24 Ultra's screen size is 6.8" in the full rectangle and 6.8" accounting for the rounded corners.
- *Measured diagonally, Galaxy Z Flip5's Main Screen size is 6.7 in the full rectangle and 6.6" accounting for the rounded corners.
- *Measured diagonally, Galaxy Z Fold5's Main Screen size is 7.6" in the full rectangle and 7.4" accounting for the rounded corners
- *Weight measured in grams.
- *Weight may vary by country or region.
- *Dimensions measured in millimeters.
- *Memory specifications may vary depending on country, region or carrier.
- *Actual storage availability may vary depending on pre-installed software.
- *Availability of storage options may vary depending on country, region or carrier. Select storage options may only be available on Samsung.com.
- *Select storage options may only be available on Samsung.com.
- *Optical quality zoom is enabled by the Adaptive Pixel sensor.
- *30X Space Zoom includes 3x optical zoom and 30x digital zoom with Super Resolution technology. Zoom distances past 3x zoom may express some image deterioration. AI Zoom is applied to distances between digital zoom lengths. Accuracy of results is not guaranteed.
- *Generative Edit requires a network connection and Samsung Account login. Editing with Generative Edit results in a resized photo up to 12MP. A visible watermark is overlaid on the image output upon saving in order to indicate that the image is generated by AI. The accuracy and reliability of the generated output is not guaranteed.
- *Edit Suggestion is compatible with JPG, PNG, GIF and MP4 formats. Edit results and quality may vary depending on the photography or filming condition. Accuracy of results is not guaranteed.
- *Actual battery life varies by network environment, features and apps used, frequency of calls and messages, the number of times charged, and many other factors.
- *Based on Samsung internal lab test conditions with pre-release version of given model connected to earphone via Bluetooth under default settings over LTE. Estimated against battery capacity and measured current over battery power consumption during video playback (video file resolution 720p, saved on device). Actual video playback time varies by network connection, settings, video file format, screen brightness, battery condition and many other factors.
- *Based on Samsung internal lab test conditions with pre-release version of given model connected to earphone via Bluetooth under default settings over LTE. Estimated against battery capacity and measured current over battery power consumption during audio playback (mp3 file, 192kbps, saved on device with LCD display turned off). Actual audio playback time varies by network connection, settings, audio file format, screen brightness, battery condition and many other factors.
- *Compared to Galaxy S23 and S23+.
- *Typical value tested under third-party laboratory condition. Typical value is the estimated average value considering the deviation in battery capacity among the battery samples tested under IEC 61960 standard. Rated capacity is 3880mAh for Galaxy S24, 4755mAh for Galaxy S24+ and 4855mAh for Galaxy S24 Ultra.
- *Estimated against the average usage profile compiled by UX Connect Research. Independently assessed by UX Connect research between 2023.11.25-2023.12.15 in US and UK with pre-release versions of SM-S921, SM-S926 and SM-S928 under default setting using LTE and 5G Sub6 networks. NOT tested under 5G mmWave network.
- *Compatible apps and features may vary by theme.
- *Available content and features may vary depending on country, region or carrier.
- *FlexMode supported at angles between 75°and 115°.
- *FlexMode Panel button must be enabled in device settings in order to be used with installed apps in the apps tray, including third party apps. List of supported apps can be found in the FlexMode panel settings under your device's settings menu.
- *Frame does not include volume and side keys.
- *Galaxy S24, S24+ and S24 Ultra and Galaxy S24 Ultra's S Pen are rated as IP68.
- *Based on lab test conditions for submersion in up to 1.5 meters of freshwater for up to 30 minutes. Not advised for beach or pool use. Water and dust resistance of device is not permanent and may diminish over time.
- *Samsung Care+ coverage may vary by country and deductibles may apply.
- *Requires optimal 5G connection.
- *The bandwidths supported by the device may vary depending on country, region or carrier.

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TV & Home Theater	Request a Repair	Employee Offers Program	Labor & Human Rights

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Brand Identity

Careers

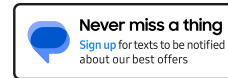
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STAY IN THE LOOP?

