

Galaxy Z Fold4

Product Specifications



Dimension & Weight

Folded
67.1 x 155.1 x 15.8mm (Hinge) ~ 14.2mm (Sagging)

Unfolded **Weight**
130.1 x 155.1 x 6.3mm 263g

Wider¹ Cover Screen

23.1:9 Cover Screen Ratio



Water Resistance¹¹

IPX8

Display

Main Screen
7.6-inch QXGA+²
Dynamic AMOLED 2X
Infinity Flex Display (2176 x 1812, 21.6:18)
120Hz adaptive refresh rate (1~120Hz)

Cover Screen
6.2-inch HD+³
Dynamic AMOLED 2X Display
(2316 x 904, 23.1:9)
120Hz adaptive refresh rate (48~120Hz)

Rear Triple Camera⁴

12MP Ultra Wide Camera
F2.2, Pixel size: 1.12µm, FOV: 123°

50MP Wide-angle Camera
Dual Pixel AF, OIS, F1.8,
Pixel size: 1.0µm, FOV: 85°

10MP Telephoto Camera
PDAF, F2.4, OIS,
Pixel size: 1.0µm, FOV: 36°

Under Display Camera

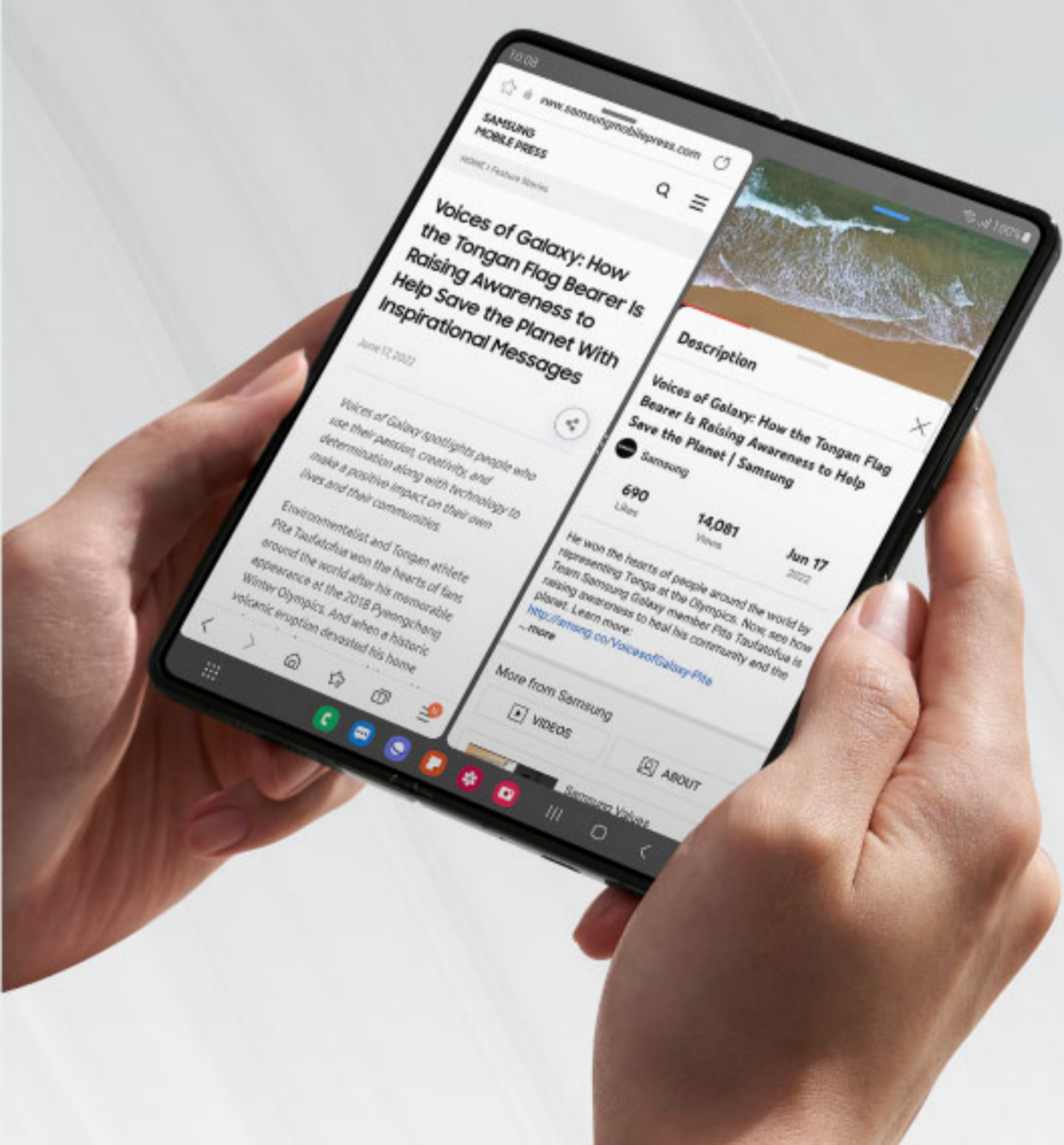
4MP Under Display Camera
F1.8, Pixel size: 2.0µm, FOV: 80°

Cover Camera

10MP Selfie Camera
F2.2, Pixel size 1.22µm, FOV: 85°



Multitasking Powerhouse



AP

4nm Octa-Core Processor

Memory⁵

12GB RAM with 1TB internal storage
12GB RAM with 512GB internal storage
12GB RAM with 256GB internal storage

Battery

4,400mAh (typical) dual battery⁶

OS

Android 12L
One UI 4.1.1

Charging

Super Fast Charging⁷:
Up to 50% charge in around 30mins
with 25W adapter⁸ or higher
Fast Wireless Charging 2.0⁹
Wireless PowerShare¹⁰

Network & Connectivity

5G¹², LTE¹³, Wi-Fi 6E¹⁴ 802.11
a/b/g/n/ac/ax, Bluetooth[®] v5.2

Security

Samsung Knox
Samsung Knox Vault

Sensors

Capacitive Fingerprint sensor (side), Accelerometer, Barometer, Gyro sensor, Geomagnetic sensor, Hall sensor, Proximity sensor, Light sensor

SIM Card

Up to two nano SIM¹⁵
and one eSIM¹⁶



1. Compared to Galaxy Z Fold3 5G. 2. Measured diagonally. Galaxy Z Fold4's Main Screen size is 7.6-inch in the full rectangle and 7.4-inch with accounting for the rounded corners; actual viewable area is less due to the rounded corners. 3. Measured diagonally. Galaxy Z Fold4's Cover Screen size is 6.2-inch in a full rectangle and 6.1-inch accounting for the rounded corners. The actual viewable area is smaller due to the rounded corners and camera hole. 4. 30X Space Zoom includes 3x Optical Zoom and 30x digital zoom with AI Super Resolution technology. Zooming in past 3x may cause some image deterioration. 5. Availability may vary by market or channel. Actual storage space may vary by market, model, file size and format. 6. 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 (minimum) capacity is 4275mAh. Actual battery life may vary depending on network environment, usage patterns and other factors. 7. Wired charging compatible with QC2.0 and AFC. Results from internal Samsung lab tests, conducted with 25W Travel Adapter while it has 0% of power remaining, with all the services, features and screen turned off. Actual charging speed may vary depending on the actual usage, charging conditions and other factors. 8. 25W Power Adapter sold separately. Use only Samsung-approved chargers and cables. 9. Wireless charging compatible with WPC. 10. Wireless PowerShare is limited to Samsung or other brand smartphones with WPC Qi wireless charging, such as Galaxy Z Fold4, Z Flip4, S22 series, Z Fold3 5G, Z Flip3 5G, S21 FE 5G, S21 series, Z Fold2, Note20 series, S20 series, Z Flip, Note10 series, S10 series, S9 series, S8 series, S7 series, S6 series, Note9, Note8, Note FE, Note5, and wearables such as Galaxy Buds2 Pro, Buds2, Buds Pro, Buds Live, Watch5, Watch5 Pro, Watch4, Watch4 Classic, Watch3, Watch Active2, Watch Active, Gear Sport, Gear S3, Galaxy Watch, and Galaxy Buds. May not work with certain accessories, covers, or other brand devices. May affect call reception or data services, depending on your network environment. 11. IPX8 is based on test conditions for submersion in up to 1.5 meters of freshwater for up to 30 minutes. Not advised for beach or pool use. Not dust-resistant. 12. 5G services are only supported in 5G network enabled locations. Requires optimal 5G connection. Actual speed may vary depending on market, carrier, and user environment. 13. Availability of LTE model varies by country and carrier. Actual speed may vary depending on market, carrier, and user environment. 14. Wi-Fi 6E network availability may vary by market, network provider and user environment. Requires optimal connection. Will require a Wi-Fi 6E router. 15. SIM card sold separately. Availability may vary depending on market and carrier. 16. eSIM availability may vary depending on software version, region and carrier. Check with your carrier if your mobile network plan supports eSIM. 17. Available colors may vary by market, carrier and retailer.

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