

Accelerate your business without compromise.



Introducing Galaxy A50. The smartphone your business has been waiting for.

Designed for the way you work, the Samsung Galaxy A50 is the smartphone you've been looking for. Go all day and into the night with a high-capacity, long-lasting, fast-charging battery.¹ Capture all meeting notes or entire project sites with the Galaxy A50 multi-lens camera. And elevate your mobile productivity with a large 6.4" Infinity Display² that delivers a clear, edge-to-edge view.



Mobile Performance

Go Longer, Power Up Quickly With an all-day battery that lasts up to 35 hours¹, the Galaxy A50 keeps up with your fast pace, from early morning meetings to late-night client dinners. When you're ready for a boost, power back up quickly with Fast Charging.

Edge-to-Edge in the Palm of Your Hand Be drawn into the brilliant 6.4" Super AMOLED screen with a captivating edge-to-edge display.² Enjoy increased mobile productivity, made to fit easily in your palm.

Simple User-Friendly Interaction Get right to what you want when you want it with one hand, thanks to the user-friendly interface. It's designed to make interacting with your phone's large screen easier. And info and meeting reminders pop up automatically.

Best of Both Worlds The Galaxy A50 gives you both a 3.5mm headphone jack and Bluetooth 5.0 connectivity³.

Three Ways to Shoot Three cameras capture life as you go. Fit more of your world in the shot or capture moments in different lighting. Your day shots stay crisp, and your night shots pull in more light for sharp detail and less noise. You can even make your subjects stand out by adding background blur. Capture more of what you see in every shot, thanks to an ultra-wide 123° field of vision that lets you fit everything in one picture.

Present Your Best Self Present a professional image, day or night. The 25MP front camera gives you vivid day shots, and draws in more light when it's dark for clear night shots.



Made for Business

Don't Worry, Keep it All With 64GB of built-in memory, you can store your documents, meeting notes and data without having to delete anything to make room. If you need more space, simply expand your memory up to 512GB with an optional microSD card⁴.

Jump Seamlessly from Access Point to Access Point Connect seamlessly from access point to access point with Wi-Fi 802.11 r/v/k support. It's ideal for the mobile enterprise worker.

More Ability to Do More Do more of your everyday tasks quicker with 4GB of RAM. Perfect for the overachiever.



Security and Control

Your Fingerprint is the Key Unlocking your Galaxy A50 is as easy as touching the screen. The in-display fingerprint scanner lets you, and only you, press and unlock your phone in one easy move.⁵

Defense-Grade Security for an Open World The Galaxy A50 is protected by Samsung Knox, our defense-grade security platform built from the chip up. No matter where you and your team go or what you do, you can be sure your business' data stays secure with superior protection that's easy to manage.

Open Customization Meets Management Control From device configuration, enrollment and management to advanced mobile security controls and updates, Samsung has the mobility software and enterprise mobility services you need for every stage of the device lifecycle.

Galaxy A50

Specifications		Galaxy A50
Display ²	Physical Size	6.4"
	Dimensions / Weight	6.2" x 2.9" x 0.3" / 0.37 lbs.
	Resolution	2340 x 1080 FHD+
	PPI	404
	Display Ratio	19.5:9
	Technology	Super AMOLED
Camera	Rear	25MP AF (F1.7) / 5MP FF (Live Focus) (F2.2) / 8MP FF (UW) (F2.2); LED Flash
	Front	25MP (F2.0); 79 FoV
CPU	Chipset Make	Samsung LSI
	Chipset Model	Exynos 9610 (Ramen)
	# of Cores	8 (Octa-core)
	Main Core Speeds x # of Cores	2.3GHz (x 4)
	Sub Core Speeds x # of Cores	1.7GHz (x 4)
	AP Chipset Architecture	64-bit
Operating System	Operating System	Pie, Android 9.x
Bands	Bands	B2 / B3 / B4 / B5 / B7 / B13 / B20 / B28 / B66
Wi-Fi	Standards	802.11 a/b/g/n/ac; r/v/k
	Wi-Fi Direct	Yes
	Wi-Fi Banding	2.4GHz + 5GHz
Memory ^{6,7,4}	RAM / ROM (GB)	4 / 64
	MicroSD Capacity	Up to 512 GB
Miscellaneous	Bluetooth	v5.0
	NFC Support	Yes
	GPS	GPS, Glonass, Galileo, Beidou
	Battery (mAh) ¹	4000
	Fast Battery Charging	25W
	Fingerprint Location	On-Screen (Optical)
	USB Version	USB 2.0
	USB Type	Type C
	Sensors	Accelerometer, Fingerprint, Geomagnetic, Gyro, Hall, Light, Proximity
	FM Radio	Yes
	SIM Card	Yes (1 Slot)
	3.5mm Headphone Jack	Yes
	Knox	3.3
Finish	3D Glastic	

Device Layout

- 25MP Front Camera
- Power Button
- Volume Button
- Speaker
- Microphone
- Charging Port
- Headphone Jack
- 5MP Depth Camera
- 25MP Main Camera
- 8MP Ultra-Wide Camera



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¹Based on average battery life under typical usage conditions. Average expected performance based on typical use. Actual battery life depends on factors such as network, features selected, frequency of calls, voice, data, and other application-usage patterns. Results may vary. ²Measured diagonally. Galaxy A50's screen size is 6.4" in the full rectangle and 6.2" with accounting for the rounded corners. Actual viewable area is less due to the rounded corners and camera hole. ³Headphones and wireless headphones sold separately. ⁴MicroSD card sold separately. ⁵If you use a screen protector, be sure it allows for the use of the in-screen fingerprint sensor. ⁶Total amount of available memory may be less based on configuration. ⁷Portion of memory occupied by existing content.