

Unlock productivity without compromise.



Unlock true mobility in the smartphone your business has been waiting for.

The Samsung Galaxy A50 has everything businesses need in a smartphone, including the freedom to work the way you want. Unlocked by Samsung smartphones allow you to choose your carrier and plan. Best-in-class Knox security and easy fleet management make them ideal for practical, scalable enterprise deployments. The Galaxy A50 provides enterprise capabilities that make any mobile workforce more efficient.



Unlock Freedom

Carrier or no carrier. It's your choice. With Unlocked by Samsung smartphones, you have the freedom to choose what works best for your employees.¹ You can also standardize on one device across multiple carriers, greatly simplifying IT. And no-contract Unlocked by Samsung smartphones can be customized for a company's secure Wi-Fi environment where no carrier network service is necessary, for the functionality of a tablet with the portability of a hand-held device.



Unlock the Mobile Device Experience

Unlocked by Samsung smartphones don't come pre-loaded with carrier apps, so you have a consistent user interface (UI), and you can customize device software. And Unlocked by Samsung smartphones are optimized for U.S. carrier networks,¹ with access to exclusive Samsung services like Knox and Samsung+ personal support.²



Unlock Value

When everyone has the same UI, you have lower training and support costs. You have the right contract with the carrier of your choice, or even have no carrier at all. Software updates are easily managed, and you can configure devices in bulk.



Mobile Performance

Be drawn into the brilliant 6.4" Super AMOLED display³. The all-day battery⁴ lasts up to 35 hours, and when you need a boost, charge up quickly with Fast Charging. You get a 3.5mm headphone jack and Bluetooth 5.0 connectivity.⁵ The user-friendly interface lets you get right to what you want with one hand. And the Galaxy A50 features a 25MP/5MP/8MP multi-lens rear camera with an ultra-wide 123° field of vision, as well as a 25MP front camera.



Made for Business

With 64GB of built-in storage, you can store your documents, meeting notes and data. For more space, simply expand up to 512GB with an optional microSD card.⁶ And connect seamlessly from access point to access point with Wi-Fi 802.11 r/v/k support.



Security and Control

With the in-display fingerprint scanner, unlocking your Galaxy A50 is as easy as touching the screen.⁷ Data stays secure with Samsung Knox, our defense-grade security platform built from the chip up.⁸ 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.

Specifications		Galaxy A50
Display ³	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
Camera	Technology	Super AMOLED
	Rear	25MP AF (F1.7) / 5MP FF (Live Focus) (F2.2) / 8MP FF (UW) (F2.2); LED Flash
CPU	Front	25MP (F2.0); 79 FoV
	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)
Operating System	AP Chipset Architecture	64-bit
	Operating System	Pie, Android 9.x
Bands	4G LTE	B2 / B3 / B4 / B5 / B7 / B12 / B13 / B20 / B25 / B26 / B28 / B66 / B71 / B41
Wi-Fi	Standards	802.11 a/b/g/n/ac; r/v/k
	Wi-Fi Direct	Yes
	Wi-Fi Banding	2.4GHz + 5GHz
Memory ⁷ / Storage ^{10,6}	RAM / ROM (GB)	4 / 64
	MicroSD Capacity	Up to 512 GB
Miscellaneous	Bluetooth	5.0
	NFC Support	Yes
	GPS	GPS, Glonass, Galileo, Beidou
	Battery (mAh) ⁴	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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¹Wireless voice, data and messaging services compatible with GSM networks such as AT&T and T-Mobile and certain regional carriers in the U.S., and CDMA networks such as Verizon, Sprint and U.S. Cellular. Support for certain features and services, such as VoWiFi and hotspot, vary by wireless service provider. See provider for details. ²These features and more may not be supported by non-U.S. Samsung unlocked devices. Non-U.S. refers to Samsung-branded devices intended for use in other countries and not imported or sold by Samsung Electronics America, Inc. ³Measured 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. ⁴Based 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. ⁵Headphones and wireless headphones sold separately. ⁶MicroSD card sold separately. ⁷If you use a screen protector, be sure it allows for the use of the in-screen fingerprint sensor. ⁸Full Samsung Knox suite available for additional licensing fee. For the full list of Knox certifications, please visit samsungknox.com. ⁹Total amount of available memory may be less based on configuration. ¹⁰Portion of storage occupied by existing content.