

Unlock productivity without compromise.



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

The Samsung Galaxy A20 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 A20 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 Wi-Fi only 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

Upgrade your view with a brilliant 6.4" Super AMOLED display³. The 4,000 mAh long-lasting battery⁴ keeps up with your fast-paced work life. When you need a boost, power back up quickly with Fast Charging. You get a 3.5mm headphone jack and Bluetooth 5.0 connectivity.⁵ And the Galaxy A20 features a 13MP/5MP dual lens rear camera with an ultra-wide 123° field of vision, as well as an 8MP front camera.



Made for Business

With 32GB 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

Data stays secure with Samsung Knox, our defense-grade security platform built from the chip up.⁷ 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 A20

 Unlocked by Samsung

| Specifications | | Galaxy A20 |
|--|-------------------------------|--|
| Display ³ | Physical Size | 6.4" |
| | Dimensions / Weight | 6.2" x 2.9" x 0.3" / 0.37 lbs. |
| | Resolution | 1560 x 720 HD+ |
| | PPI | 268 |
| | Display Ratio | 19.5:9 |
| | Technology | Super AMOLED |
| Camera | Rear | 13MP AF (F1.9); 76 FoV / 5MP Ultra-Wide (F2.2); 123 FoV |
| | Front | 8MP (F2.0); 80 FoV |
| CPU | Chipset Make | Samsung LSI |
| | Chipset Model | Exynos 7904 (Lassen O+) |
| | # of Cores | 8 (Octa-core) |
| | Main Core Speeds x # of Cores | 1.8GHz (x 2) |
| | Sub Core Speeds x # of Cores | 1.6GHz (x 6) |
| | AP Chipset Architecture | 64-bit |
| Operating System | Operating System | Pie, Android 9.x |
| Bands | 4G LTE | B1 / B2 / B3 / B4 / B5 / B7 / B8 / B12 / B13 / B17 / B20 / B25 / B26 / B28 / B66 / B71 / B38 / B39 / B40 / 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 ⁸ / Storage ^{9,6} | RAM / ROM (GB) | 3 / 32 |
| | 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 | 15W |
| | Fingerprint Location | Rear |
| | USB Version | USB 2.0 |
| | USB Type | Type C |
| | Sensors | Accelerometer, Fingerprint, Geomagnetic, Gyro, Hall, Proximity |
| | FM Radio | Yes |
| | SIM Card | Yes (1 Slot) |
| | 3.5mm Headphone Jack | Yes |
| | Knox | 3.3 |
| | Finish | Glossy Plastic |

Device Layout

1. 8MP Front Camera
2. Power Button
3. Volume Button
4. 13MP Camera
5. 5MP Ultra-Wide Camera
6. Speaker
7. Microphone
8. Charging Port
9. Headphone Jack



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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 A20'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. ⁷Full Samsung Knox suite available for additional licensing fee. For the full list of Knox certifications, please visit samsungknox.com. ⁸Total amount of available memory may be less based on configuration. ⁹Portion of storage occupied by existing content.