



- 11" TFT display, 120 Hz
- Octa Core Qualcomm Snapdragon 865+ processor
- Dual rear cameras (13 MP, F2.0 - 5 MP, F2.2)
- Front camera 8 MP, F2.0
- 128 GB internal memory (Expandable with microSD up to 1 TB)
- RAM 6 GB
- Wi-Fi a / b / g / n / ac / ax 2.4G + 5GHz
- Bluetooth 5.0
- Bixby (Bixby Voice / Bixby Vision / Bixby Routines)
- Samsung Dex
- Dolby Atmos
- Side fingerprint reader
- Biometric recognition of the face
- Samsung Knox 3.6
- Android 10 operating system
- S Pen bluetooth latency 9ms (Air Action, Always On Memo, Air View)



Immersive display



Enhanced S Pen



Smart Battery

The commercial product may differ from what is indicated following changes subsequent to the preparation of this sheet

Weight / Dimensions	<ul style="list-style-type: none">• 165.3 x 253.8 x 6.3 mm, 495g
Battery	<ul style="list-style-type: none">• Capacity: 8000mAh (Fast Charging)
Operating system	<ul style="list-style-type: none">• Android 10
Connectivity	<ul style="list-style-type: none">• USB Type-C / USB On-The-Go• Bluetooth 5.0• Wi-Fi 802.11 a / b / g / n / ac / ax 2.4G + 5GHz, HE80, MIMO• A-GPS, Glonass, Beidou• Wi-Fi / Wi-Fi Direct router• Smart View
Camera	<ul style="list-style-type: none">• Dual cameras with FlashLED and 8x digital zoom: 13MP with AF, F2.0 - 5MP, F2.2 (rear camera)• 8 MP camera, F2.0 (front camera)• Modes: Single Shot, Photography, Video, Pro, Panorama, Food, Night, Live Focus, Video Pro, Hyperlapse, Live Focus Video, Bixby Vision, AR Space, Scene Optimizer, Shutter Tip, QR Code Scan• Photo: 4128x3096 (3: 4), 4128x2322 (9:16), 3088x3088 (1: 1), 4128x2580 (Full)• Video Recording: 3840x2160 (UHD 30 fps), 1920x1080 (FHD 30 fps), 1440x1440 (1: 1 30 fps), 1728x1080 (Full 30 fps), 1280x720 (HD 30 fps)
Display	<ul style="list-style-type: none">• 11 "TFT LCD touchscreen• 2560x1600 (WQXGA), 287 PPI
Memory	<ul style="list-style-type: none">• 128 GB internal * (expandable with microSD™ or microSDHC™ up to 1 TB)* [Part of the indicated internal memory is used by the operating system]• 6 GB (RAM)

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Chipset	<ul style="list-style-type: none"> • Qualcomm SM8250-2-AB Octa Core processor
SAR value	<ul style="list-style-type: none"> • Body SAR: 0.275 W / Kg
Messaging	<ul style="list-style-type: none"> • Message composer for SMS, MMS • Email client (POP3, IMAP4, SMTP, SSL, TLS, EAS) • Google mail • Exchange ActiveSync
Contents	<ul style="list-style-type: none"> • Images: A-GIF, BMP, GIF, HEIF, JPEG, PNG, WebP, WBMP • Audio: MP3, M4A, 3GA, AAC, OGG, OGA, WAV, WMA, AMR, AWB, FLAC, MID, MIDI, XMF, MXMF, IMY, RTTTL, RTX, OTA • Video: MP4, M4V, 3GP, 3G2, WMV, ASF, AVI, FLV, MKV, WEBM
More Functions and Applications	<ul style="list-style-type: none"> • Google Apps: Play Store, Play Film, Gmail, Google Search, Chrome, Maps, Drive, Photos, YouTube, YT Music, Duo • Microsoft Apps: Office, OneDrive, Outlook • Galaxy Store • Phone / Phonebook / Messages • Samsung Members / SmartThings / Samsung Flow / Blue Light Filter / Night Mode • Netflix / Spotify • Clock / Alarm / Time zones / Stopwatch / Timer / Calculator / Calendar • Customizable power saving (Optimized / Medium / Maximum) • Bixby Voice / Bixby Vision / Bixby Routines • Samsung Dex (on Tablet and external screens via cable or wireless) • Daily Bulletin Board / Dolby Atmos / Music Share / Quick Share / Samsung Kids • S Pen bluetooth: Air Action, Always On Memo, Air View • Clip Studio / Notesshelf / Canva / Penup • Biometric recognition (Fingerprint, Face) • Screen recording • Personal Area / Samsung Pass / Find My Device

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