Technical Specifications

Talk Time:
21 hours

Standby Time:
14 days

Battery Type:
3240mAh non-removable Lithium ion (Li-ion)

Display:
5" FHD, 1920 x 1080 pixels, 443ppi, Dragontrail™ PRO

Operating System:
Android™ 8 [Oreo]

Chipset:
SDM630 Qualcomm® Snapdragon™ processor with 2.2GHz x 1.8GHz, Octa Core CPU

Radios:
GSM: Quad
UMTS: B8, B5, B2, B1

Memory:
64GB KOM/4GB RAM microSDXC memory card slot (supports up to 512GB)

SIM Type:
Nano/4FF Size

Size:
150.2 x 73.4 x 13.5mm | 5.91 x 2.89 x .53in

Weight:
235g (8.3 oz)

Media Formats:
Audio: AAC, AAC+, eAAC+, AMR-NB, AMR-WB, FLAC, MP3, MIDI, Vorbis, PCM (WAVE), Opus, QCELP, EVRC
Video: H.263, H.264, H.265, MPEG-4, VP8, VP9
Image: BMP, WBMP, GIF, JPEG, PNG, WEBP

Enterprise Mobility Highlights

• Tested and approved to support key Mobile Device Management (MDM), Enterprise Device Management (EDM), and Sales Force Automation (SFA) solutions and more.
• Enhanced security features including Secure Device Encryption with FIPS 140-2 validated cryptographic module (includes AES 128/192/256), Secure Boot, TrustZone® support for Trusted Execution Environment (TEE) and more. Supports secure data-at-rest and data-in-motion in the device to help ensure that your business communication is secure.
• Suite of EMM APIs for improved management of devices on corporate network.
• Android Enterprise Recommended and Zero-touch support.
• Large 3240mAh battery, Qi Wireless Charging, and USB Type-C fast charging.

Functional Design Enhancements

• FHD touchscreen and improved display readability in bright outdoor settings.
• Loud, dual front speakers (106dB) and 4 mic noise canceling that allows you to hear clearly even in the noisiest environments.
• Userprogrammable PTT and Camera keys, for quick customized access to other device functions.
• Sapphire glass lens cover protects rear cameras (13MP and 4K Action Cameras)
• Gyroscope, 3-axis accelerometer, proximity sensor, ambient light sensor, ecompass and barometer.

1 Talk and standby performance may vary based on user settings, feature use, and network.
2 Certified waterproof for up to 6.5 feet (2 meters) for 30 minutes. Before immersing your phone in water, make sure all ports and covers are properly seated, with no foreign objects obstructing the seals, to maintain the waterproof capability. The phone should never be used underwater.
3 Recognizes touch input while wearing gloves up to 3mm thick, the material, texture and thickness of the glove as well as how it fits your hand will impact performance. Individual results may vary.
4 Dry your phone with a clean cloth before charging.
5 Avoid using your phone in saltwater. It is highly corrosive and can damage internal components and degrade the audio performance over time. Always rinse your phone in fresh water immediately after using it underwater.
Workforce App Enhancements

- Outdoor Report app gives you quick access to conditions all in one location for an informed work day or family outing: Weather Forecast, Tide Index, Solunar, Fish Finder, Sun/Moon Position, Compass with Tilt Meter, Altimeter and Barometer.
- Dura Grid widget offers popular settings uniquely designed with high-contrast, large icons for improved outdoor visibility and easy access with gloved hands.
- OfficeSuite for accessing work documents.
- Android Pay support.

Camera and Video for Business Use

- 13MP camera + 5MP front-facing camera; and Super Wide View 4K Action Camera.
- Underwater Mode, Continuous Shooting, Panorama, Scene Select, Auto Scene Detect, Color Effects, Slow Motion, Time Lapse, and Action Overlay.
- Live full capture and playback; 1080p at 30fps.

Battery Features to Keep Work Going

- 3240mAh non-removable Li-ion battery.
- Qi Wireless Charging.
- USB Type-C fast charging.

Enhanced Connectivity

- 2G, 3G and 4G LTE Global Ready support plus LTE international roaming makes traveling simple.
- WiFi Calling.
- VoLTE for improved voice quality.
- Mobile WiFi hotspot capability, up to ten connections so everyone at the jobsite can connect.
- Enterprise grade Wi-Fi with 802.11 a/b/g/n/ac/r/k, 2.4 and 5GHz and Wi-Fi Direct for max connectivity options on the LAN.
- aGPS with SUPL 2.0.
- Bluetooth® (5.0 + LE/EDR) wireless technology support and Bluetooth Smart Ready so that peripheral devices like heart-rate monitors, scanners and door security sensors can connect seamlessly.
- NFC support to easily exchange contact information, content, asset IDs, and mobile payment.
- Wi-Fi CERTIFIED Miracast™.
- High-speed USB 3.1 and 3.5mm headphone jack.

Extras

- HD voice.
- Corporate (Exchange ActiveSync) and personal (POP3 & IMAP) email support.
- Language and keyboard support for English, Spanish, Vietnamese, Korean, and Simplified and Traditional Chinese.

Included Accessories

- Non-removable Li-ion battery.
- AC charger.
- USB Type-C data cable.
- Pre-installed SIM card.

Extensive Range of Accessories – From Remote Speaker Mics (RSM’s) and Wired & Bluetooth Headsets, to Charging Bays, Vehicle Mounts, Scanners, Holsters and more, our accessory partners offer unique options to support any type of job.

User Environment Characteristics

Durability:
Military Standard 810G - blowing dust & sand/vibration/transit drop from 5 feet (1.5 meters)/functional shock/salt fog/solar radiation/humidity/temperature extremes/thermal shock/high altitude/icing and freezing rain/blowing rain
IP6X - dustproof
IPX5/IPX8 - waterproof/water immersion up to 6.5 feet (2 meters) for 30 minutes
Non-Incendive, Class I, Division 2, Group A&D, T4: protection in hazardous locations
Operating Temperature:
-4° F to 140° F (-20° C to 60° C)
Storage Temperature:
Less than one month:
-4° F to 140° F (-20° C to 60° C)
More than one month:
-4° F to 113° F (-20° C to 45° C)
Humidity:
95% non-condensing
Hearing Aid Compatibility (HAC)
Rating:
M3/T3. TTY capable