

Data Sheet Tab-Ex[®] 03

D2



NEC / CEC



Class I, Division 2, Groups A,B,C,D T5
 Class II, Division 2, Groups F,G T100°C
 Class III, Division 1
 Class I, Zone 2, Group IIC, T5
 Zone 22, Group IIIB T100°C
 Ta = -20 °C to +55 °C

| Technical Data | |
|------------------------------|--|
| Operating System | Android™ Unless otherwise specified, the product is shipped with the latest firmware release. Latest firmware release: Android™ 13 |
| Chipset | Exynos 9810 (Lhotse) Octa-Core 64-Bit; 4 x 2.7 GHz, 4 x 1.7 GHz |
| RAM | 4 GB |
| Internal data memory | 64 GB, free available memory 48.6 GB |
| microSD | 512 GB (optional), up to 1 TB possible |
| Display | 1920 x 1200 pixels (WUXGA), 8", TFT, 480 nit Brightness, Operation: also with gloves / in wet conditions & snow |
| Sensors | Fingerprint Sensor, Accelerometer, GyroSensor, Geomagnetic Sensor, Hall Sensor, RGB Light Sensor, Proximity Sensor |
| Dimensions | 213.8 mm x 126.8 mm x 9.9 mm, approx. 550 g |
| Operating temperature | -20 °C ... +55 °C |
| Degree of protection | IP68* according MIL-STD-810H * IP68 is based on test conditions for submersion in up to 1.5 meters of freshwater for up to 30 minutes. |
| Connectivity | <ul style="list-style-type: none"> ■ WLAN 802.11 a/b/g/n/ac/ax (2.4 GHz), Wi-Fi 4,5,6 (2.4 GHz + 5 GHz), 2x2 MIMO ■ Bluetooth® v5.0 ■ Wi-Fi Direct ■ NFC EMV L1 ■ GPS, GLONASS, Beidou, Galileo ■ USB 3.1 Type-C |
| Frequency Bands | LTE-Support: AT&T, Sprint, T-Mobile, Verizon Supported cellular frequency bands: 4G LTE FDD: B2, B3, B4, B5, B7,B12, B13, B14, B17, B25, B26, B29; B66, B71 4G LTE TDD: B41 3G UMTS: B1, B2, B4, B5, B8 |
| SIM | 1x Nano SIM (optional) |
| Security | Samsung KNOX, Face Recognition |
| Camera: Rear + Front | 13 MP AF + 5 MP / optional: Non-Camera |
| Battery Capacity | Replaceable Li-Ion Battery 3.8 V / 18.87Wh / 5050 mAh (Typical), 4900 mAh (Rated) / Runtime of up to 11 hours |
| Applications | Google ARCore, MDM Systems |