

# Data Sheet Tab-Ex<sup>®</sup> 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	
<b>Operating System</b>	Android™ Unless otherwise specified, the product is shipped with the latest firmware release. Latest firmware release: Android™ 11
<b>Chipset</b>	Exynos 9810 (Lhotse) Octa-Core 64-Bit; 4 x 2.7 GHz, 4 x 1.7 GHz
<b>RAM</b>	4 GB
<b>Internal data memory</b>	64 GB, free available memory 48.6 GB
<b>microSD</b>	512 GB (optional), up to 1 TB possible
<b>Display</b>	1920 x 1200 pixels (WUXGA), 8", TFT, 480 nit Brightness, Operation: also with gloves / in wet conditions & snow
<b>Sensors</b>	Fingerprint Sensor, Accelerometer, GyroSensor, Geomagnetic Sensor, Hall Sensor, RGB Light Sensor, Proximity Sensor
<b>Dimensions</b>	213.8 mm x 126.8 mm x 9.9 mm, approx. 550 g
<b>Operating temperature</b>	-20 °C ... +55 °C
<b>Degree of protection</b>	IP64 according to EN/IEC 60079-0 (ATEX/IECEX) IP68* according to EN/IEC 60529 (industrial standard) and MIL-STD-810H  * IP68 is based on test conditions for submersion in up to 1.5 meters of freshwater for up to 30 minutes.
<b>Connectivity</b>	<ul style="list-style-type: none"> <li>■ WLAN 802.11 a/b/g/n/ac/ax (2.4 GHz), Wi-Fi 4,5,6 (2.4 GHz + 5 GHz), 2x2 MIMO</li> <li>■ Bluetooth® v5.0</li> <li>■ Wi-Fi Direct</li> <li>■ NFC EMV L1</li> <li>■ GPS, GLONASS, Beidou, Galileo</li> <li>■ USB 3.1 Type-C</li> </ul>
<b>Frequency Bands</b>	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
<b>SIM</b>	1x Nano SIM (optional)
<b>Security</b>	Samsung KNOX, Face Recognition
<b>Camera: Rear + Front</b>	13 MP AF + 5 MP / optional: Non-Camera
<b>Battery Capacity</b>	Replaceable Li-Ion Battery 3.8 V / 18.87Wh / 5050 mAh (Typical), 4900 mAh (Rated) / Runtime of up to 11 hours
<b>Applications</b>	Google ARCore, MDM Systems