




# Data Sheet Tab-Ex<sup>®</sup> 03

## DZ1

<b>ATEX</b> 	II 2G Ex db ia IIC T6 Gb IP64 II 2D Ex ia tb IIIC T80°C Db Ta= -20°C to +55°C	<b>IECEX</b> 	Ex db ia IIC T6 Gb IP64 Ex ia tb IIIC T80°C Db Ta = -20°C to +55°C
<b>UKCA Ex</b> <b>UK</b> <b>CA</b>	II 2G Ex db ia IIC T6 Gb IP64 II 2D Ex ia tb IIIC T80°C Db Ta= -20°C to +55°C	<b>NEC / CEC</b> 	Pending



Technical Data	
<b>Operating System</b>	Android™ Unless otherwise specified, the product is shipped with the latest firmware release. Latest firmware release: Android™ 13
<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>	Accelerometer, GyroSensor, Geomagnetic Sensor, Hall Sensor, RGB Light Sensor
<b>Dimensions</b>	262.75 mm x 161.5 mm x 25.75 mm
<b>Weight</b>	approx. 1100 g
<b>Operating temperature</b>	-20 °C ... +55 °C
<b>Degree of protection</b>	IP64 according to EN/IEC 60079-0 (ATEX/IECEX)
<b>Connectivity</b>	<ul style="list-style-type: none"> <li>■ Wi-Fi 802.11 a/b/g/n/ac/ax (2.4GHz + 5GHz), 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>	Supported cellular frequency bands: 4G LTE FDD: B1, B2, B3, B4, B5, B7, B8, B12, B13, B17, B20, B28, B66 4G LTE TDD: B38, B40, B41 3G UMTS: B1, B2, B4, B5, B8 2G GSM: 850 / 900 / 1800 / 1900 MHz US-Version: 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>	Li-Ion battery 3.8 V / 5050 mAh / 18.87 Wh / up to 11 hours battery life
<b>Applications</b>	Samsung DeX, Android Enterprise Recommended (AER), Google ARCore, MDM Systems