Industry in Motion.

Mobile Communication Portfolio

Connecting End Devices, Infrastructure, and Users— Comprehensive Support for Digital Processes.



With Pepperl+Fuchs' Mobile Communication solutions, you take your production, logistics, and maintenance to the next level: mobile, efficient, and future-ready. Pepperl+Fuchs offers a robust and field-proven Enterprise Mobility portfolio which combines rugged hardware, intelligent software solutions, and secure system integration to enable mobile workflows.

Mobile Computing

Android Tablet Tab-Ex® 05



- Latest Android™ operating system
- Wireless DeX Mode
- Samsung Knox
- Google ARCore
- Android Enterprise Recommended (AER)
- Common Criteria certified
- Biometric authentication via facial recognition
- 13 MP rear camera + 5 MP front camera
- Fingerprint Sensor
- S-Pen inclusive
- 5050 mAh battery (exchangable)
- IP68 + MIL-STD 810H

Display

- 8" Display (WUXGA) TFT, 120Hz, 600 nits
- Corning® Gorilla® Glass 5
- 1920 × 1200 Pixel
- Multi-touch display with high contrast
- Active button

Processor and Memory

- Exynos 1380
- Octa-Core-Processor 64-Bit; 4 × 2.4 GHz, 4 × 2.0 GHz
- QCS 6490 + SDR753 Plattform
- 6 GB RAM
- 128 GB ROM; Up to 1 TB via microSD card

Communication

- 5G Sub6 TDD/FDD + 4G LTE TDD/FDD
- Wi-Fi 4, 5, 6 (2.4 GHz + 5 GHz)
- Wi-Fi Direct
- Bluetooth® 5.3
- NFC EMV L1
- Type-C USB 2.0 + microSD
- Dual-SIM (eSIM + nano SIM)

Zone 1/21 Div.1 · Zone 2/22 Div.2 · 5G

Windows Tablet Pad-Ex® 01 P12



- Windows 11 Pro
- High-resolution Full HD display
- Widescreen display, sunlight-readable
- 1-D/2-D barcode scanner (optional)
- 8 MP camera with autofocus and
- LED flash + 2 MP front camera

Display

- 11,6" FHD (1920 × 1080 Pixel) LCD-Display
- Capacitive multi-touch screen

Processor and Memory

- Intel® Core™ i5-1235U (12. Gen) processor with vPro™
- Optional Intel Core i7-1255U (12th Gen)
- DDR5 adapter for 16 GB (32 GB optional)
- 256 GB M.2 SATA SSD (512 GB optional)

Communication

- 4G LTE (optional)
- GPS (optional)
- Intel® Wi-Fi 6E AX211 (802.11a/b/g/n/ac/ax)
- Bluetooth® V5.3

Zone 2/22 Div.2

Barcode Scanner and Reader Ident-Ex® 02



- Smallest and lightest barcode scanner and reader for Zone 1/21
- Unique pocket version
- Two different measuring ranges
- Interchangeable scan head (FR + LR)
- Ergonomic and interchangeable handle
- Can be paired via Bluetooth®
- USB-C
- Long product lifecycle (up to 8 years)

Scanner

- Honeywell Flex Range N6803FR (up to 10 m)
- Optional: Long Range N6803LR (up to 25 m)

Versions

- **Pocket:** Scanner
- **Grip:** Scanner + Pistol Grip
- **Smart Grip:** Scanner + Pistol Grip + Smart-Ex 03/203 (Smart-Ex not included in delivery)

Technical Data

- Bluetooth® 5.4
- Li-ion battery, 1430 mAh
- Software: HID Interface BLE/ Classic + SPP Interface

Zone 1/21 Div.1 · Zone 2/22 Div.2

Your automation, our passion.

PEPPERL+FUCHS

Communication

Smartphone Smart-Ex® 03



- Latest Android™ operating system
- Android Enterprise Recommended
- Common Criteria certified
- Desktop Mode
- Dual SIM (eSIM + nano SIM)
- 13 MP rear camera + 5 MP front camera
- Fingerprint Sensor
- 6"-Display: 2160 × 1080 pixels
- High contrast multitouch display
- Glove Mode
- 4400 mAh battery (exchangable)
- IP68

Display	Processor and Memory	Communication
■ 6" Gorilla® Glass ■ 1080 × 2160 px	■ Qualcomm Snapdragon QCS6490 + SDR753 platform ■ 8 GB RAM ■ 128 GB ROM	■ 5G ■ Wi-Fi 6 ■ Bluetooth® 5.2 ■ Full featured USB-C ■ Desktop Mode ready ■ NFC ■ Supports more than 55 frequency bands

Zone 1/21 Div.1 · Zone 2/22 Div.2 · 5G · Android

Smartphone Smart-Ex® 203



- Latest Android™ operating system
- Android Enterprise Recommended
- Google ARCore
- Dual-SIM (eSIM + nano SIM)
- 43 MP rear camera + 16 MP front camera
- Fingerprint Sensor
- 6.3"-Display: 1080 × 2340 Pixel
- High contrast multitouch display
- Glove Mode
- Additional interface for peripheral devices
- 1-D/2-D Scanning Modul
- 4500 mAh battery
- IP68

Display	Processor and Memory	Communication
■ 6.3" Gorilla® Glass ■ 1080 × 2340 px	■ Qualcomm QCM4490 3GPP Rel 16 support ■ 8 GB RAM ■ 128 GB ROM	■ 5G ■ Wi-Fi 6e ■ Bluetooth® 5.2 ■ Full featured USB-C ■ NFC ■ Supports 52 frequency bands

Zone 2/22 Div.2 · 5G · Android

Mobile Computing for Harsh Industrial Environments

Android Tablet Tab-IND®



- Android™ 15 operating system
- WWAN 5G RedCap Modell available
- WiFi 6E
- 13 MP rear camera + 5 MP front camera
- 10,1" Multitouch display
- Glove mode
- 9900 mAh battery
- IP65

Display	Processor and Memory	Communication
■ 10,1" Display ■ 1200 × 1920 px	■ Qualcomm® QCS6490 Octa-Core Processor 2,1 GHz ■ 8 GB RAM ■ 128 GB ROM	■ WWAN 5G RedCap Modell available ■ WLAN IEEE 802.11 ax+r/k/v ■ Wi-Fi 6E, WiDi, WWAN, BT5.3, BLE ■ GPS/GNSS/Galileo (only 5G model) ■ Front-Facing NFC (secure element) Smart Card Device

Rugged · 5G · Android

Windows Tablet Tab-IND®



- Windows® 11 LTSC operating system
- WiFi 6E
- 13 MP rear camera + 5 MP front camera
- 8,4" or 10,1" Multitouch display
- Glove mode
- 4950 mAh battery
- IP65

Display	Processor and Memory	Communication
■ 8,4" or 10,1" Display ■ 1200 × 1920 px	■ Intel® Alder Lake N100, Quad Core Processor 2.9 GHz ■ 8 GB RAM ■ 128 GB ROM	■ WLAN IEEE 802.11 ax+r/k/v ■ Wi-Fi 6E, WiDi, BT5.3, BLE ■ GPS/GNSS/Galileo ■ Front-Facing NFC (secure element) Smart Card Device

Rugged · Windows

Peripherals for Use in Hazardous Areas

Smart devices such as the intrinsically safe RSM-Ex 01 speaker microphone or the SM1P headset expand the range of mobile devices and are ideal for future IIoT applications.



Zone 1/21 Div.1

SM1P
Bluetooth®-Headset



Zone 1/21 Div.1

RSM-Ex 01
Remote Speaker Microphone



USB-C Dual Docking Station

More information and accessories at
pepperl-fuchs.com/pf-mcc

Digital Products and Services



Digital Products and Services is a solution that combines automated staging, mobile device management, and device analytics. It can also be used as a full-fledged enterprise mobility management system if desired.

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