

ISAFE MOBILE TABLET MINING IS945.1 - FOR WINDOWS®



\$8,184.00 GST included

SKU: 01-00945001-001-111 | **Categories:** [Intrinsically Safe](#), [Smartphone](#) |



GALLERY IMAGES



PRODUCT DESCRIPTION

The 10.1-inch 5G Windows® tablet for data communication in the process industry and in automation integrates seamlessly into the existing system landscape with 4G/5G campus networks or Wi-Fi 6. It is equipped with a powerful, IIoT-optimised chipset from Qualcomm® Technologies, Inc. Other highlights of the robust and easy-to-handle tablet include a 16-pin ISM interface, 12-pin ISM interface for Docking Station, Wi-Fi 6, Bluetooth 5.2, a replaceable, long-lasting battery, freely programmable buttons and main and front cameras.

ADVANTAGES

- Windows operating system
- Processor with long-term support: Qualcomm® QCM6490 Octa Core
- Large memory with 8 GB RAM, 128 GB internal memory expandable with microSD memory
 - Clear 10.1" display with Corning® Gorilla® Glass 3rd generation
 - Replaceable, powerful battery
 - Camera on the front and back
- Wireless communications such as Wi-Fi® , Bluetooth®, GPS, A-GPS, Glonass, A-Glonass, Beidou, Galileo
 - Programmable red key (e.g. for lone worker protection/SOS)
- Additional programmable side buttons (assignable via keyboard manager utility, please consult with your system administrator)
 - Mounting VESA 100
 - Amplified loudspeaker for noisy work environments
- Type of protection: IP68 waterproof/dustproof | MIL-STD-810H | Can be used from -20 °C to +55 °C

Technical Features

Operating system

Windows® 11 IoT Enterprise LTSC for Arm64

Processor

Qualcomm® QCM6490 Octa Core

Memory

8 GB RAM | 128 GB internal memory | microSD

Frequencies

4G LTE-FDD: B1/B2/B3/B4/B5/B7/B8/B12
MFBI/B13/B14/B17/B20/B25/B26/B28A/B28B/B29/B30/B66/B68/B71
4G LTE-TDD: B38/B39/B40/B41/B42/B43/B48

5G NR:

n1/n2/n3/n5/n7/n8/n12/n14/n20/n25/n28/n30/n38/n40/n41/n48/n66/n71/n77/n78/n79

Dimensions

Size: 266,17 x 168,46 x 19,82 mm | Weight: 1059 g

Display

10,1" (25,654 cm) Corning® Gorilla® Glass V3 | usable with gloves

Battery

8160 mAh, 3,7 V | replaceable

Camera

12 MP AF rear | 5 MP FF front

Wi-Fi® 6: IEEE 802.11 a/b/g/n/ac/e/k/r/ax/v with hotspot

Connectivity

Bluetooth® 5.2

GPS, A-GPS, Glonass, A-Glonass, Beidou, Galileo

Types of protection

IP68 dust-/waterproof | MIL-STD 810H | Usable from -20 °C to +55 °C

Interfaces

USB-C

ISM interface

12-pin docking interface

Expand

Certifications



IECEx Mining (International)

approved

Ex ia I Ma

Ex ib IIC T4 Gb

Ex ib IIIC T135°C Db

What's in the box

- Tablet
- Battery
- i.safe PROTECTOR 2.0

- Power Adapter universal
 - Hand Strap
- Display Protection Foil
 - Screwdriver
- Safety Instructions

Downloads

[Datasheet IS945.M1](#)

[Operating Manual IS945.M1](#)

[Safety Instructions IS945.M1](#)

[IECEX IS945.M1](#)

This product is suitable for operation with PoC communication via public or campus networks (4G or 5G) or Wi-Fi® in Ex-Zones as per IEC Ex Rating on the devices

5G tablets for explosion hazardous areas

YOU MAY ALSO LIKE...



BARTEC SP9EX1
Smartphone