



Z710-Ex

Fully Rugged Tablet



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Z710-Ex

Fully Rugged Tablet

- Explosive atmosphere ATEX certified (ATEX Zone 2/22)
- Android 4.1 Professional Operating System
- Optional 3.5G WWAN for data and voice communication
- Optional 1D / 2D Imager Barcode Reader and RFID
- 7" LumiBond™ Display with Getac QuadraClear™
 Sunlight Readable Technology and
 Glove-enabled Capacitive Touchscreen
- Withstands 6 Feet Drop and IP65 certified
- SIRFstarIV[™] High Sensitivity GPS













Certification



(II 3G Ex ic IIC T5 Gc

A 1D/2D Imager barcode reader, HF RFID reader and 5 megapixel auto-focus camera helps the Z710-Ex to capture a wider range of data on the move.

COMPREHENSIVE CONNECTIVITY

GPS, 3.5G WWAN (HSPA+) for voice communication as well as WiFi and Class 2 Bluetooth 2.1 with EDR, combine to provide faster, more reliable speeds for efficient data delivery in real time.

PINPOINT ACCURACY

Integrated with dedicated SiRFstarlVTM GPS, E-compass and 3-axis accelerometer technologies to enable field surveyors to recognise their location quickly and collect accurate cadastral/geographical information.

MORE THAN TOUGH ENOUGH

MIL-STD-810G and IP65 certified with 6 feet drop and a wide range of operating temperatures from -20°C to 50°C, able to operate without interruption under the toughest of conditions.



REDEFINE TECHNOLOGY IN THE FIELD

The connectivity and communication capabilities of the Z710-Ex boost productivity by allowing unprecedented mobility across field service, field sales and asset diagnostic tasks. The enhanced 10hour battery life extends operating time without the need for recharging. The Z710-Ex is changing the game by bringing a touch of genius into field applications.



By using Gorilla® Glass 2, we ensure the screen withstands knocks, falls and scratches. It provides better touch responsiveness and brighter images without sacrificing damage resistance.



WORLD'S FIRST 7" GLOVE-ENABLED TOUCH-SCREEN WITH SUPERB SENSITIVITY

The new Getac Z710-Ex brings the world's first capacitive touch-screen, with Getac proprietary LumiBond[™] technology integrated Gorilla[®] Glass, capacitive touch sensor and LED panel through OCR (Optical Clear Resin), which provide unprecedented touch sensitivity even with gloves on!



GRAPHICS INTENSE APPLICATIONS

With its sunlight reflective 7 inch display, the Z710-Ex offers the best qualification for graphics intense applications. Documents can be viewed with ease, enabling users to access relevant data such as maintenance applications. While servicing a device, maintenance sheets or circuitry documentation can be downloaded instantly to give the operator all relevant information to carry out the service. Enabling the user to get more done in less time. In case a damaged part is found, it can be documented with a built-in 5 megapixel camera, which allows the image to be transmitted via WWAN for instant analyses for a quick response.

In production facilities – e.g. in the chemical industry – accuracy of data is of great importance. Errors can be costly and even dangerous. This, is where the Z710-Ex can be a very helpful tool. It is able to identify individual substances within a container. A check against a product's formula verifies accurate consistencies, which ensures safety and product quality and avoids expensive errors.

ATEX Directive 94/9/EC defines Zone 2 as an area in which an explosive atmosphere (a mixture of air and flammable gases, steam or mist) is not to be expected under normal circumstances or just for a short period of time. Just one brief hazardous situation per year is enough to rate an area Zone 2. Zone 2 devices provide required ruggedness and fall protection, which ensures safety of use during normal operations without technical failures such as battery short.

An area must be classified Zone 1 if an explosive atmosphere can develop occasionally during normal operations. In that case only **Zone 1** certified product must be used, which even in exceptional situations ensures necessary safety in case of failure.



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DEVICE

SKU Identifier Product Description	
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Z710-Ex Basic Device

A0003930 (£x)	Z710-Ex Basic
A0003940 €x	Z710-Ex Basic incl. 1D / 2D Imager
A0003941 €x	Z710-Ex Basic incl. HF RFID Reader
A0003942 €x	Z710-Ex Basic incl. 1D / 2D Imager and HF RFID Reader

Z710-Ex Premium Device with WWAN

A0003931 €x	Z710-Ex Premium
A0003943 €x	Z710-Ex Premium incl. 1D / 2D Imager
A0003944 €x	Z710-Ex Premium incl. HF RFID Reader
A0003945 €x	Z710-Ex Premium incl. 1D / 2D Imager and HF RFID Reader





ACCESSORIES

Accessory Identifier	Description	
A0003932	Z710-Ex AC Adapter Set with US/EU/UK/CHN/ANZ Plug	
A0003939	Z710-Ex Office Dock with AC Adapter (EU Power Cord)	Genx
A0003933	Z710-Ex Carry Bag	
A0003934	Z710-Ex Hand Strap	Gener
A0003935	Z710-Ex Shoulder Strap	Congression
A0003936	Z710-Ex Vehicle Charger	
A0003937	Z710-Ex Capacity Stylus & Tether	
A0003938	Z710-Ex ATEX Rubber I/O Cover	



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SPECIFICATIONS

Operating System	Android 4.1	
Mobile Computing Platform	OMAP 4430 Dual Core 1 GHz	
Display	7.0"TFT LCD WSVGA (1024 × 600)	
Storage & Memory	1GB MDDR 16GB iNAND	
Erweiterungssteckplatz	microSDHC (up to 32GB)	
I/O Interface	USB (Client 2.0) x 1♦ USB (Host 2.0) x 1♦ Microphone x 1♦ Speaker x 1♦ DC in Jack x 1♦ Docking connector (30-pin) x 1♦	
Communication Interface	Optional 3.5G WWAN (HSPA+/UMTS/EDGE/GPRS/GSM) for data and voice communication 802.11 b/g/n Bluetooth (v2.1+EDR class 2) SiRFstarlV TM GPS (with internal antenna)	
Software	File Manager GPS-ECompass Barcode Utility ● Barcode Config ● RFID Reader Utility ●	
Power	AC charger (24W; 12V/2A, 100-240 VAC; 50 / 60 Hz) Lithium-Polymer smart battery (7600mAh) (up to 10 hours of battery life) ▲ Charging time: Sleep mode, approx. 6 hours	
Dimension (W x D x H) & Weight	218 × 142 × 27 mm 800 g O	
Field Service Feature	GPS: SiRFstarlV™ HD Web camera 5M pixels auto focus camera E-compass G-Sensor Optional 1D / 2D Imager Barcode reader Optional 13.56MHz RFID and contactless Smart Card Reader (ISO 15693 and 14443 A/B compliant)	

GPS Sensor Specification	Chipset: SiRFstarlV™ Receiver Type: L1 (C / A) Channels: 48 channels all-in-view tracking Update Rate: 1 Hz Horizontal Accuracy: Autonomous: 2.5 m / 8.2 ft DGPS: 2.0 m / 6.56 ft Cold Start Time: 35 sec average Warm Start Time: 35 sec average Hot Start Time: 1 sec average Reacquisition: 0.1 sec average
Rugged Feature	MIL-STD-810G and IP65 certified Optional ANSI/ISA 12.12.01 Vibration resistant Drop resistant (26 drops from 1.82m / 6ft)
ATEX Certification	ATEX Zone 2/22 II 3G Ex ic IICT5 Gc II 3D Ex ic IIIBT100°C Dc
Environmental Specification	Temperature: - Operating: -20 °C to 50 °C - Storage: -40 °C to 71 °C Humidity: - 95 % RH , non-condensing
Alphanumeric Data Entry	Soft input panel (SIP) on screen keyboard
Security Feature	WiFi for WPA / WPA2 operation Authentication: OPEN, SHARED-KEY, PEAP Encryption: WEP, AES, TKIP Native software encryption, root protection, IPSec VPN, software security support, network proxy settings, password security (PIN, pattern, password)
Scope of Delivery	AC charger ◆ Quick start guide Capacitive stylus and tether Wrist strap Hand strap ATEX rubber I/O cover * ATEX safety precautions manual ❖

- USB, DC in Jack, Docking connector, Audio connectors and AC charger must not be operated in hazardous area.
- Software may vary depending on configuration.
- ▲ Battery performance will vary with software applications, wireless settings, power management settings, LCD brightness, customized modules and environmental conditions. Battery life and charge cycles vary by use and settings.
- O Weight varies from configurations and optional accessories.
- f * The accessories must be used with Z710-Ex in potentially explosive atmospheres to ensure safety.
- * Read safety precautions carefully before starting to use the device.