Your workers in the field need a mobile computer to communicate with others and to access information. Only in this way can they work with maximum efficiency and improve service to customers. You would like to provide your staff with an enterprise-class hand-held device that has been designed for field use – your employees, however, expect a device that has the same level of development and which is as easy to use as their own smartphone. The touch computers in the TC 75ex series meet all of these requirements because they have been optimised for use in business. A tough design for reliable, everyday operation. Access to practically all information in your back-end systems wherever and whenever you need it. The ability to collect more types of data quicker than ever before. Immediate Push-to-Talk communication with field staff, line managers, despatch coordinators and colleagues in the office. 4G LTE support for robust, wireless connections in the fastest mobile phone networks in the world. And an extensive range of accessories which meets the unique demands of practically all mobile employees. The TC 75ex series – a simple way of equipping your field team with a true mobile office – now also in a potentially explosive atmosphere.

Explosion protection

Marking ATEX	⟨Ex⟩ II 3G Ex ic IIC T5 Gc
	⟨Ex⟩ II 3D Ex ic IIIB T100 °C Dc
Certification	applied for
Marking IECEx	Ex ic IIC T5 Gc
	Ex ic IIIB T100 °C Dc
Certification	applied for
Marking CSA	Class I Div. 2 Groups A, B, C and D T5
Certification	applied for
Other approvals and certificates, see www.bartec.de	

Technical data

Protection class (EN/IEC 60529)	IP 65
Storage temperature	-40 °C to +50 °C
Operating temperature	-20 °C to +50 °C
Air humidity during operation	5 % to 95 % (non-condensing)
Processor	ARM® Cortex™-Dual Core 1.76 GHz
System memory	1 GB RAM
RAM	8 GB Flash pSLC
Expandable memory	MicroSD card up to 8 GB supported
Operating system	Android 5.1 (Lollipop) with Mobility Extensions
Size	4.7", bonded
Resolution	1280 x 720 pixels
Touch function	capacitive dual mode touch (finger/stylus)
Wireless communication	WLAN-WiFi IEEE 802.11 a/b/g/n
	Bluetooth Version 4.0
	GPS integrated (Nuystar, Glonass)
	WWAN Global: LTE/UMTS/HSPA/HSPA+
Audio	3 x integrated microphones (Noise suppression)
	1 x loudspeaker
Internal I/O under battery	2 x Nano SIM card slot
	1 x Micro SIM/SAM card slot
Externe I/O	only for use outside potentially explosive atmospheres
	1 x Cradle Connector
	(OTG host, data exchange and charging)
	1 x Port (PoGo Pin) for 2-slot charger
Buttons	1 x on/off button
	1 x function button
	1 x scan button
	2 x volume buttons (+/-)
	4 x capacitive function buttons
	(home, menu, ESC, search function)
LED	1 x LED indicator
Sensors	Brightness sensor, G-sensor, proximity sensor and eCompass
Camera	8 MP autofocus camera and LED flash
	1.3 MP camera

Size (L x W x H)	161 mm x 84 mm x 28 mm
Weight	376 g with battery
Battery (Type B7-A2Z0-00..)	Lithium polymer battery 3.7 V/4620 mAh (1S/2P) Soft bottom Hot-swap Must be changed only outside potentially explosive atmosphere.
USB charging adapter	Input voltage: AC 100 to 240 V Output voltage: DC 5 V/1 A/5 W
Barcode scanning 1D/2D Imager (SE4750 from Zebra)	Readable 1D codes: Code 11, Code 39, Code 93, Code 128, Codabar, Coupon Code, Chinese 2 of 5, Discrete 2 of 5, EAN-8, EAN-13, Interleaved 2 of 5, MSI, UPCA, UPCE, UPC/EAN supplementals, Trioptic 39, RSS-14, RSS Expanded, RSS Limited, Webcode
	Readable 2D codes: Aztec, Australian 4-state, Canadian 4-state, Composite AB, Composite C, PDF-417, Data Matrix, Dutch Kix, Japanese 4-state, Macro PDF-417, (Macro) Micro PDF-417, Micro PDF-417, microQR, Maxi Code, QR Code, TLC39, UK 4-state, US Planet, US Postnet, USPS 4-state (US4CB)
Warranty	1 year
Service agreements	available on request
Scope of delivery	Touch Computer TC 75ᵉˣ-NI Battery Hand strap Quick start guide

Ordering information

Touch Computer TC 75ᵉˣ-NI	Order no.
with 4G/LTE US + Canada	**B7-A264-1111/11111100**
with 4G/LTE LATAM (without Brazil)	**B7-A264-1211/11111100**
with 4G/LTE EMEA/APAC	**B7-A264-1311/11111100**
with 4G/LTE Taiwan	**B7-A264-1411/11111100**

Technical data subject to change without notice.

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