Lumen X4 from BARTEC is an extremely light, rugged and highly flexible industry mobile computer for rough environments. Lumen X4 has a large number of international certifications and can be used throughout the world. It is approved for ATEX and IECEx Zone 2/22 and for CSA Class I Div. 2. Approvals for other countries are possible on customer request. Thanks to its numerous functions, the Lumen X4 provides perfect support for warehouse management, transport, service technicians, operating personnel, engineers and project managers in the field and in industry.

Explosion protection

Marking ATEX	⟨Ex⟩ II 3G Ex ic IIC T5 Gc ⟨Ex⟩ II 3D Ex ic IIIB T100 °C Dc
Certification	EPS 16 ATEX 1 039 X
Marking IECEx	Ex ic IIC T5 Gc Ex ic IIIB T100 °C Dc
Certification	IECEx EPS 16.0016X
Marking CSA	Class I Div. 2 Groups A, B, C and D T5
Certification CSA	File: 70043322

Other approvals: CE, FCC, CCC.
Approvals for other countries on request.

Technical data

Protection class (EN/IEC 60529)	IP 54 (Non-Ex IP 65)
Storage temperature	-30 °C to +60 °C
Operating temperature	at the start: -10 °C to +50 °C during operation: -20 °C to +50 °C
Air humidity during operation	5 % to 95 % (non-condensing)
Processor	ARM® Cortex™-A53 Quad Core 1.3 GHz
System memory	2 GB SDRAM
RAM	16 GB eMMC
Expandable memory	MicroSD card up to 32 GB supported
Operating system	Android 5.1 (Lollipop)
Size	4.3"
Resolution	480 x 800 pixels
Brightness	400 cd/m²
Touch function	Projective capacitive multi-touch
Wireless communication	WLAN-WiFi IEEE 802.11 a/b/g/n Bluetooth Version 4.1 + EDR GPS integrated WWAN 4G-GSM/GPRS/EDGE/WCDMA/ HSDPA/HSUPA/LTE Includes telephone function (Exception: data transmission only within the EU)
Audio	1 x integrated microphone, 1 x loudspeaker (1 x 1.2 watts)
Internal I/O under battery	1 x Micro-SIM card slot 1 x MicroSD card slot
Externe I/O	only for use outside potentially explosive atmospheres 1 x Micro USB Type B (OTG host, data exchange and charging) 1 x docking interface (PoGo pin for charging in the 2-slot battery charger)
Keys	1 x on/off key 1 x function key 2 x volume keys (+/-) 4 x capacitive function keys (home, menu, ESC, search function)
LED	1 x LED indicator
Sensors	Brightness sensor, G-sensor, proximity sensor and eCompass

Camera	8 MP camera with autofocus and LED flash on the rear side, 2 MP camera on the front
Size (length x width x height)	132.7 mm x 82 mm x 25.7 mm
Weight	280 g with battery
Battery (Type B7-A2Z0-0034)	Lithium polymer battery 3.7 V/3.900 mAh (1S/2P), Battery life up to 20 hrs., Charge time using USB charging adapter: up to 2.5 hrs, Charge time using USB (PC): up to 6.5 hrs Must be changed only outside potenially explosive atmosphere.
USB charging adapter	Input voltage: AC 100 to 240 V Output voltage: DC 5 V/1 A/5 W
Barcode scanning (optional) 1D-/2D imager (SE4500 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	Lumen X4 Battery Hand strap USB charging adapter with EU and US plug Micro USB cable (type A to micro type B), Quick start guide
Optional accessories	for use in potenially explosive atmospheres: Battery Screen protector MicroSD card
	for use outside potenially explosive atmospheres: USB charging adapter with UK and AUS plug Micro USB host cable (OTG) 2-slot battery charger 2-slot charging station

Ordering information

Version	Order no.
Lumen X4 without 1D/2D Imager	B7-A2P4-2233/12210000
Lumen X4 with 1D/2D Imager	B7-A2P4-2233/12210300

Technical data subject to change without notice.