The BARTEC Agile X is a rugged and highly flexible industry tablet PC for rough environments. Agile X has a large number of international certifications and can be used throughout the world. It is certified for ATEX and IECEx Zone 2/22 and to UL Class I Div. 2. Further national certifications are possible on customer request. Thanks to its broad range of functions, the Agile X is the perfect assistant to service technicians, operating staff, engineers and project managers in the field and in industry.

Explosion protection

Marking ATEX	⟨Ex⟩ II 3G Ex ic IIA/IIC T5 Gc ⟨Ex⟩ II 3D Ex ic IIIB T90 °C Dc IP 54 (IIA bei Verwendung von Handgurt Typ 03-9849-0130)
Certification	EPS 15 ATEX 1 823 X
Marking IECEx	Ex ic IIA/IIC T5 Gc Ex ic IIIB T90 °C Dc IP 54 (IIA bei Verwendung von Handgurt Typ 03-9849-0130)
Certification	IECEx EPS 15.0010X
Marking UL	Class I Div. 2 Groups A, B, C, D T4 A
Certification	UL File E321557
Other approvals and certificates, see www.bartec.de	

Technical data

Processor	Intel BayTrail-M Quad-Core with 1.8 GHz (turbo frequency up to 2.2 GHz)
RAM	8 GB SODIMM DDR3L-1600
Mass storage	128 GB mSATA MLC SSD optional: 256 GB mSATA MLC SSD
Operating system	Windows® 10 IoT (64 bit), multilingual Windows® Embedded 8.1 Industry Pro (64 bit) Windows® 7 Professional for Embedded systems (64 bit)
Size	10,1"
Resolution	1920 x 1200 pixel
Brightness	700 cd/m²
Contrast ratio	800:1
Front glass	Gorilla glass, 3 mm with hardness of 8 H
Touch function	Projective Capacitive Touch (min. 4 points)
WLAN-WiFi	IEEE 802.11 a/b/g/n
Bluetooth	Version 4.0 Dual Mode (Classic + Low Energy) Class I
GPS	u-Blox Neo-6Q with an accuracy of up to 2.5 m
EU Network support	LTE, HSPA+, GSM/GPRS
US Network support	LTE, HSPA+, GSM/GPRS/EDGE, EVDO Rev A, 1 x RTT
Audio	1 x integrated microphone 2 x loudspeakers (2 x 1 watts)

External I/O	under protective cover – for use only outside potentially explosive atmospheres
	1 x Micro HDMI 1 x 30 pin combination connection (Giga-LAN or RS232) 1 x USB 3.0 1 x Audio combination connection (Mic in/Line Out) 1 x Charging Port (DC) 1 x MicroSD card slot
Buttons	1 x power, 1 x home, 2 x programmable function keys, 2 x volume keys
Sensors	Brightness sensor, G sensor, Gyro meter and eCompass
Security	Password security for user and hard disk lock Kensington lock slot Trusted platform module (TPM) V 1.2 Computrace® theft protection support
Camera	5 MP camera with autofocus and LED flash on the back 2 MP camera on the front
Barcode capture (optional)	1D/2D Imager
HART Add-on module (optional)	to configure, parametrise, read and mesure HART devices in potentially explosive atmospheres
Internal RFID HF reader 13.56 MHz (optional)	Supported standards ISO 15693 (Read/Write) ISO 14443-A (Read/Write) ISO 18092 (Read)
RFID UHF Add-on module dual band (optional)	US: 902 to 928 MHz EU: 865.6 to 867.5 MHz
	Supported standards EPC Global GEN2 (ISO1800-6c) with DRM optional: ISO 18000-6B
	Note: The RFID UHF Add-on module cannot be combined with internal RFID HF Reader
Size (W x L x H)	271.8 mm x 197.2 mm x 19 mm
Weight	1.5 kg with standard battery
Shock, vibration, drop, temperature and vibration	according to MIL-STD-810G
Protection class	IP 65 (EN/IEC 60529)

Operating temperature	outside potentially explosive area -20 °C to +60 °C
	inside potentially explosive area -20 °C to +50 °C
Storage temperature	-30 °C to +70 °C
Operating humidity	30 % ~ 90 % (non-condensing)
Certification	CE, FCC, UL 60950, ANSI/ISA 12.12.01, EN 60601
Power input	DC 12 V to 19 V
Standard battery	Lithium-polymer battery 7.4 V/5300 mAh (39.22 Wh), charging time: 3 h, running time: up to 6 h
Long life battery	Lithium-polymer battery 7.4 V/10280 mAh (76.07 Wh), charging time: 6 h, running time: up to 13 h
Hot-Swap battery	7.4 V/330 mAh (integrated in the device)
Adapter	AC 100 to 240 V, 50 to 60 Hz/DC 19 V
Warranty	3-years, can be extended by a further 1 or 2 years on request
Service contracts	available for 3, 4 or 5 years COMFORT ALL-IN from the start

Scope of delivery	Standard battery/optional Long life battery Stylus Hand strap Power supply Power cable (EU + US) Cover for interface extension Quick start guide
Optional accessories for use	in potentially explosive atmospheres: Standard battery/optional Long life battery Stylus Hand strap Screen protector Carry system Leather carry case 4-point belt Shoulder strap Radio module 4G/LTE (self-assembly) RFID UHF Add-on module (self-assembly) HART Add-on module (self-assembly)
	outside potentially explosive atmospheres: 2-slot battery charging station Docking station Power supply Vehicle docking station Power supply with vehicle charge adapter Mounting plate for VESA mount LAN adapter cable/RS232 Micro HDMI cable

Supported 1D barcodes
1D symbol/codes

Code 11	Code 39
Code 93	Code 128
Codabar	Coupon Code
Chinese 2 of 5	Discrete 2 of 5
Interleaved 2 of 5	Trioptic 39
EAN-8	EAN-13
UPCA	UPCE
UPC/EAN additions	MSI
Webcode	RSS-14
RSS Limited	RSS Expanded

Supported 2D barcodes
2D symbol/codes

Aztec	Micro PDF-417
Australian 4-state	Maxi Code
Canadian 4-state	PDF-417
Composite AB	QR Code
Composite C	TLC39
Data Matrix	UK 4-state
Dutch Kix	US Planet
Japanese 4-state	US Postnet
PDF-417 Macro	USPS 4-state (US4CB)
(Macro) Micro PDF-417	microQR

Ordering information

Operating system - 64 bit	Code no.	Battery	Code no.	RFID	Code no.	Barcode options	Code no.
Windows® 7 Professional for embedded systems	**1**						
Windows® Embedded 8.1 Industry Pro	**3**	Standard battery	**1**	none	**0**	none	**0**
Windows® 10 IoT - LTSB	**5**						
Windows® 10 IoT - CBB	**7**	Long life battery	**2**	internal RFID HF Reader**	**2**	1D/2D Imager*	**3**

* cannot be combined with internal RFID HF
** cannot be combined with 1D/2D Imager

Complete order no. B7-A234-40 ☐ 1/111 ☐☐☐ 00
Please insert correct code. Technical data subject to change without notice.
Note: Optional modules such as LTE, RFID UHF, HART, etc. must be ordered separately as an accessory for self-assembly.