



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	II 3G Ex ic IIA/IIC T5 Gc II 3D Ex ic IIIB T90 °C Dc IP 54
Certification	EPS 15 ATEX 1 823 X
Marking IECEx	Ex ic IIA/IIC T5 Gc Ex ic IIIB T90 °C Dc IP 54
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)
Size	10,1"
Resolution	1920 x 1200 pixel
Brightness	700 cd/m ²
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)

