The BARTEC Agile X IS is an rugged and highly flexible industrial tablet PC for rough environments. Agile X IS has a large number of international certifications and can be used throughout the world. It is certified for ATEX and IECEx Zone 1, Zone 0 and NEC 500 Class I Division 1. Further national certifications are possible on customer request. Thanks to its broad range of functions, the Agile X IS is the perfect assistant to service technicians, engineers and project managers in the field and in industry.

Explosion protection

Temperature range	$-20\ °C\ (-4\ F) \leq T_a \leq +50\ °C\ (+122\ °F)$; IP 65

Marking ATEX

Gas	Zone 0	Ⓔⓧ II 1G Ex ia op is IIC T4 Ga
	Zone 1	Ⓔⓧ II 2G Ex ia op is IIC T4 Gb
Mining	M1/Ma	Ⓔⓧ I M1 Ex ia op is I Ma
	M2/Mb	Ⓔⓧ I M2 Ex ia op is I Mb
Certification		DEMKO 16 ATEX 1803

Marking IECEx

Gas	Zone 0	Ex ia IIC op is T4 Ga
	Zone 1	Ex ia IIC op is T4 Gb
Mining	Ma	Ex ia op is I Ma
	Mb	Ex ia op is I Mb
Certification		IECEx UL 16.0160

Marking NEC 500/505

Gas	Class I Zone 0	Class I, Zone 0, AEx ia IIC T4 Ga
	Class I Zone 1	Class I, Zone 1, AEx ia IIC T4 Gb
	Class I Div. 1	Class I, Div. 1, Groups A, B, C and D
Dust	Class II Div. 1	Class II, Div. 1, Groups E, F and G
	Class III Div. 1	Class III, Div. 1
Certification		E226123, Vol.2 Sec.1

Technical data

Processor	Intel N3710 1.6 GHz (turbo 2.56 GHz)
RAM	8 GB SODIM DDR3L-1600
Mass storage	128 GB SATA uSSD
Operating system	Windows® 10 IoT Enterprise CBB
Panel size	10.1" (16:10)
Resolution	1920 x 1200 pixel
Brightness	700 cd/m² (nits)
Contrast ratio	800:1
Viewing angle	89° from all sides
Backlight	LED
Glass	LCD display, 2 x bonded Gorilla glass
Multi touch	10-point
WiFi	IEEE 802.11 a/b/g/n/ac on board 2 antennas

GNSS Module	GPS/ QZSS, GLONASS, BeiDou, Galileo ready, up to 2.5 m accuracy
WWAN	4G/LTE (optional)

Data transmission		Frequency band US
GSM/GPRS/EGDE		Dual band: 900/1800 MHz
UMTS/HSPA+		Triple band: 900 (Bd 8)/1800 (Bd 3)/ 2100 MHz (Bd 1)
LTE	Bands:	800 (Bd 20)/900 (Bd 8)/1800 (Bd 3) 2100 (Bd 1) 2600 MHz (Bd 7)
		Frequency band EU
GSM/GPRS/EGDE		Quad band: 850 MHz/900 MHz/1800 MHz/ 1900 MHz
UMTS/HSPA+		Triple band: 850 (Bd 5)/AWS (Bd 4)/ 1900 MHz (Bd 2)
LTE	Bands:	700 (Bd 17)/850 (Bd 5)/AWS (Bd 4) 1900 MHz (Bd 2)

Bluetooth	BT 4.1 LE Class I
Hotkey buttons	Front: Power, Home/Menu, Fn 1 (programmable) Upper right: Volume +, Volume -, Fn 2 (programmable)
LED indicators	Power, charging, Mass storage status, RF status
USB	USB 2.0 IP 65 when cover is closed (possible to exchange in Zone 1/ Div. 1 only with certified BARTEC USB stick, order no.: 17-A1Z0-0007 for 8 GB)
Interfaces	1 x USB 2.0 1 x MicroSD card slot 1 x Micro SIM card slot 1 x Charging port 1 x Expansion port for Add-on module 1 x Docking station
Interfaces docking station	4 x USB 2.0, 1 x RS232, 1 x Ethernet 10/100 Mbps, 1 x HDMI, 1 x Charging port
Audio	2 microphones with integrated noise cancellation system; 2 speakers (2 x 0.5 W)
Camera	Front: 2 MP camera Rear: 5 MP autofocus camera with flash

Data capture 1D/2D Imager SE4500 from Zebra (optional)	Following barcodes can be read: 1D codes: e. g. Code 39, EAN series, UPC 2D codes: e. g. Aztec, Data Matrix, QR code, PDF-417	Battery capacity	Internal battery: 7.4 V typ. 4200 mAh External battery: 7.4 V typ. 4200 mAh
RFID Reader HF/NFC	Following RFID tags are supported: (read/write) e. g. Type 1, 2, 3 and 4, ISO/IEC 14443A/B, ISO/ IEC 15693, Mifare Classic, FeliCa, ISO 18092 (NFC)	Battery charging time	Internal battery: approx. 3 h Internal and external battery: approx. 5 h External battery can be hot swapped in potentially explosive areas.
Expansion port	HART Add-on module (order no.: 17-A1Z0-0005)	Adapter	AC 100 to 240 V (DC 19 V, 3.42 A)
Security	Kensington lock	Warranty	3-years, can be extended by a further 2 years on request
Size (L x H x W)	290 mm x 209 mm x 33 mm (11.4 inch x 8.2 inch x 1.2 inch)	Service contracts	COMFORT and ALL-IN
Weight	2.3 kg (5.07 lb)	Scope of delivery	Dual stylus Cover module (if no external battery included) Power supply and power cable (EU + US) Quick start guide
Drop	From a height of over 1 m onto concrete (incl. Add-on module and battery)	Accessories for use in	potentially explosive areas: External battery USB stick MicroSD card Screen protector Carry system (incl. leather carry case, 4-point belt and shoulder strap) HART Add-on module non-potentially explosive areas: Docking station 2-slot battery charging station
Protection class (EN/IEC 60529)	IP 65		
Operating temperature (in potentially explosive atmosphere)	-20 °C to +50 °C (-4 °F to +122 °F) (exclude cold start)		
Operating temperature (during charging)	0 °C to +40 °C (32 °F to +104 °F) (exclude cold start)		
Operating humidity	5 % to 95 % (non-condensing)		

Ordering information

Marking		Code no.	4G/LTE	Code no.	Operating system	Code no.	External battery	Code no.	Scanner	Code no.
ATEX/IECEx NEC 500 NEC 505	Zone 1 Class I Div. 1 Class I Zone 1	**4**	without	**0**			without	**0**	without	**0**
ATEX/IECEx NEC 500 NEC 505	Zone 0 Class I Div. 1 Class I Zone 0	**6**								
ATEX/IECEx NEC 500 NEC 505	Zone 1 Class I, II, III, Div. 1 Class I Zone 1	**A**	Frequency band US	**1**	Windows 10 IoT Enterprise CBB	**3**				
ATEX/IECEx NEC 500 NEC 505	Zone 0 Class I, II, III, Div. 1 Class I Zone 0	**B**								
ATEX/IECEx	M1/Ma	**F**					7.4 V/4200 mAh	**1**	1D/2D-Imager, SE4500	**1**
ATEX/IECEx NEC 500 NEC 505	Zone 0 / M1 / Ma Class I, II, III, Div. 1 Class I Zone 0	**D**	Frequency band EU	**2**						

Complete order no. 17-A1B ☐ -1 ☐☐ 1/221 ☐ 1 ☐ 00
Please insert correct code. Technical data subject to change without notice.