



The BARTEC Agile X IS is an rugged and highly flexible industrial tablet PC for rough environments. Thanks to its broad range of functions, the Agile X IS is the perfect assistant to service technicians, engineers project managers of Deputies in the field of underground cool mining.

### Explosion protection for MINING

Temperature range	-20 °C (-4 F) ≤ T <sub>a</sub> ≤ +50 °C (+122 °F); IP 65	
Marking ATEX	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 UL	Ma	Ex ia op is I Ma
	Mb	Ex ia op is I Mb
Certification	IECEX UL 16.0160	
Marking IECEx Simtars		Ex ia I Ma Ex ia I Mb Ex ia IIC T4 Ga Ex ia IIC T4 Gb Ex ia IIC T4 Ga
Temperature range	-20 °C ≤ Tamb ≤ +50 °C	
Certification	IECEX SIM 18.0009	
Other approvals and certificates, see <a href="http://www.bartec.de">www.bartec.de</a>		

### 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/m <sup>2</sup> (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
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)

### BARTEC

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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
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)
Security	Kensington lock
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)
Weight	2.3 kg (5.07 lb)
Drop	From a height of over 1 m onto concrete (incl. Add-on module and battery)
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)
Battery capacity	Internal battery: 7.4 V typ. 4200 mAh External battery: 7.4 V typ. 4200 mAh
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.
Adapter	AC 100 to 240 V (DC 19 V, 3.42 A)

Warranty	3-years, can be extended by another year on request
Service contracts	COMFORT and ALL-IN
Scope of delivery	Dual stylus Cover module (if no external battery included) Power supply and power cable (EU + US) Quick start guide
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)  non-potentially explosive areas: Docking station 2-slot battery charging station

**Ordering information**

**17-A1BF-1031221111AU**