BARTEC

Agile X IS

Industry Tablet PC for Use in Zone 1/Div. 1

Features

- Extremely flexible industrial tablet PC with Intel quad core processor for rough and potentially explosive working environments
- Ergonomically positioned, quality 1D/2D imager from Zebra and integrated HF/NFC RFID reader
- High-resolution 10.1" touch LCD display, that is also legible in direct sunlight and which can be used in the rain while wearing gloves
- Integrated Bluetooth 4.1 LE Class I, Wi-Fi and optional LTE module
- Unique extension port for customised applications
- Comprehensive range of accessories for greater productivity and operator safety

Description

The BARTEC Agile X IS is a robust and flexible industrial tablet PC for rough working environments. It has numerous international certifications and can be used throughout the world. It has been certified for ATEX and IECEx Zone 1 and Zone 0 as well as for UL Class I, II, III Division 1. Further national certifications are possible on customer request. Thanks to its many functions, the Agile X IS is the perfect companion for service technicians, engineers and project managers in the field and in industry.

Scope of delivery

Power supply and power cable (EU + US), cover module (if no external battery included), dual stylus, quick guide.

Explosion protection

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

Marking ATEX

Gas	
– Zone 0	⟨Ex⟩ II 1G Ex ia op is IIC T4 Ga
– Zone 1	⟨Ex⟩ II 2G Ex ia op is IIC T4 Gb
Mining	
– M1/Ma	⟨Ex⟩ I M1 Ex ia op is I Ma
– M2/Mb	⟨Ex⟩ 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)
System memory	8 GB SODIM DDR3L-1600
Mass storage	128 GB SATA uSSD
Operating system	Windows® 10 IoT Enterprise CBB
Display	double bonding Gorilla Glass LCD, Resolution 1920 x 1200 pixel
Size (L x H x W)	290 mm x 209 mm x 33 mm
Weight	2.3 kg
Operating temperature	-20 °C to +50 °C (exclude cold start)
Camera	Front: 2 MP camera Rear: 5 MP autofocus camera with flash
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 hazardous areas.	
Wireless communication	WLAN — IEEE 802.11 a/b/g/n/ac on board 2 antennas WWAN — 4G/LTE (optional) Bluetooth — BT 4.1 LE Class I
Hotkey buttons	Front: Power, Home/Menu, Fn 1 (programmable) Upper right: Volume +, Volume-, Fn 2 (programmable)