



10.1" Industrial Tablet PC



### Features

- Highly flexible industrial tablet PC for rough environments
- Brilliant, high-resolution, bonded 10.1" touch LED display, also sunlight readable
- Powerful Quad-Core processor for high working speed and long battery life
- Rugged design to military specification MIL-STD-810G
- Integrated Bluetooth 4.0, WLAN and optional LTE radio module
- Simple integration into your corporate environment using Windows Embedded 8.1 Industry Pro.
- Data capture with barcode and RFID scanner
- Freely configurable expansion interface for customer specific applications
- Extensive accessories

### Description

The BARTEC Agile X is an extremely slim-line, rugged and highly flexible industrial tablet PC for rough environments.

Agile X has a large number of international certifications and can be used throughout the world. It is licensed for ATEX and IECEx Zone 2/22 and to UL Class I Division 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

#### Ex protection type

**ATEX** II 3G Ex ic IIA/IIC T5 Gc  
 II 3D Ex ic IIIB T90 °C Dc IP 54 (IIA when using hand strap Type 03-9849-0130)

#### Certification

EPS 15 ATEX 1 823 X

**IECEx** Ex ic IIA/IIC T5 Gc  
Ex ic IIIB T90 °C Dc IP 54 (IIA when using hand strap Type 03-9849-0130)

#### Certification

IECEx EPS 15.0010X

**UL** Class I Division 2  
Groups A, B, C, D T4 A

#### Certification

UL File E321557

### Technical data

#### System specification

##### Processor

Intel BayTrail-M Quad-Core with 1.8 GHz (turbo frequency up to 2.2 GHz)

##### System memory

8 GB SODIMM DDR3L-1600

##### Storage

128 GB mSATA MLC SSD  
optional: 256 GB mSATA MLC SSD

##### Operating system

- Windows Embedded 8.1 Industry Pro (64 bit)
- Windows 8.1 Professional (64 bit)
- Windows 7 Professional (Service Pack 1 - 64 bit)

#### Bonded Display and Touch

##### Size

10.1"

##### Resolution

1920 x 1200 pixel

#### Brightness

700 nits

#### Contrast ratio

800:1

#### Front glass

Gorilla glass, 3 mm with hardness of 8 H

#### Touch function

Projective Capacitive Touch (min. 4 points)

#### Wireless communication

##### WLAN

IEEE 802.11 a/b/g/n

##### Bluetooth

Bluetooth 4.0 (Class I)

##### GPS

u-Blox Neo-6Q, up to 2.5 m accuracy

#### Optional LTE module

##### EU Network support

LTE, HSPA+, GSM/GPRS

##### US Network support

LTE, HSPA+, GSM/GPRS/EDGE, EV-DO Rev A, 1 x RTT

#### System I/O, Buttons, Sensors

##### Audio

- 1 x Built-in Mic,
- 2 x Speakers (2 x 1 Watt)

##### External I/O

under protective cover - for use only in safe area

- 1 x Micro HDMI
- 1 x 30 pin Combo connection (Giga-LAN or RS232)
- 1 x USB 3.0
- 1 x Audio Combo connection (Mic in/Line Out)
- 1 x Power Jack (DC)
- 1 x Micro SD Slot

##### Buttons

- 1 x power, 1 x home, 2 x programmable function keys, 2 x volume keys



**Sensors**

Light sensor, G sensor, Gyro meter, E compass

■ **Security**

- Password security for user and hard disk lock
- Kensington lock slot
- Trusted platform module (TPM) V 1.2
- Computrace® theft protection support

■ **Data Capture**

**Camera**

- 5 MP Auto-Focus Camera with LED Flash on rear
- 2 MP Camera on front

**Barcode Capture** (optional)

1D/2D Imager

**RFID HF Reader intern** (13.45 MHz)

Supported standards

- ISO 15693 (Read/Write)
- ISO 14443 (Read/Write)
- ISO 18092 (Read)

**RFID UHF Add On Modul** (dual band)

US: 902 bis 928 MHz

EU: 865.6 bis 867.5 MHz

Supported standards

- EPC Global GEN2 (ISO1800-6c) with DRM optional: ISO 18000-6B

■ **Size and Weight**

**Size** (Weight x Length x Height)

271.8 x 197.2 x 19 mm  
(10.7 x 7.76 x 0.75 inches)

**Weight**

1.5 kg (3.3 lb) with standard battery

■ **Ruggedness**

**Shock, Vibration, Drop**

Military grade device: MIL-STD-810G

**Protection class** (IEC 60529)

IP 65

**Operating temperature**

outside hazardous area  
-20 °C to +60 °C (-4 °F to +140 °F)

inside hazardous area

-20 °C to +50 °C (-4 °F to +122 °F)

**Storage temperature**

-30 °C to +70 °C (-22 °F to +158 °F)

**Operating humidity**

30 % - 90 % (non-condensing)

**Certifications**

CE, FCC, UL 60950, ANSI/ISA 12.12.01, EN 60601

■ **Power management**

**Power input**

DC 12 V to DC 19 V

**Battery**

Standard battery: up to 6 h run time, 7.4 V, min. 5,300 mAh, Lithium-polymer battery, charging time: 3 h

Extended battery: up to 13 h run time, 7.4 V, min. 10,600 mAh, Lithium-polymer battery, charging time: 6 h

**Adapter**

AC 100 to 240 V, 50 to 60 Hz/DC 19 V

■ **Service**

**Warranty**

3-year standard guarantee extendable by a further 2 years on request

**Service contracts**

available on request

■ **Scope of Delivery**

- Standard battery
- Stylus
- Hand strap
- Battery charger
- Mains cable EU and US
- CD with drivers and manual

■ **Optional accessories**

for use in hazardous areas

- Long-Life Akku
- Hand strap
- Stylus
- Screen protector
- Shoulder strap
- LTE module (Self-installation)
- RFID UHF module (Self-installation)

for use in non-hazardous areas

- Charger power pack for Tablet
- Battery charger
- Car charger cable
- Desktop docking station
- Vehicle docking station
- Vesa Mount
- Adapter cable 30pin-Port to RS232 or LAN
- Cable Micro HDMI to HDMI

**Selection chart**

Wireless option	Code no.	Operating system	Code no.	RFID	Code no.	Barcode options	Code no.
only WLAN	0	Windows® 7 Professional	1	none	0	none	0
4G/LTE (US)	1	Windows® 8.1 Professional	2				
4G/LTE (EU)	2	Windows® Embedded 8.1 Industry Pro	3	internal RFID HF Reader**	2	1D/2D Imager*	3

➔ **Complete order no. B7-A234-4**     **1/111**   **00**

Please insert correct code. Technical data subject to change without notice.

\* can not be combined with internal RFID HF

\*\* can not be combined with 1D/2D Imager