



## *The World's Thinnest 10.1" Tablet PC for Hazardous Areas*

### Features

- 10.1" High Resolution multi-touch display
- Light, thin-form device for easy handling
- Enterprise-ready with Windows Embedded 8.1 Industry pro
- High-efficiency Intel BayTrail-M Quad-Core 1.8 GHz processor
- Tool-less, hot swappable 8-hour battery option
- Built-in Wireless LAN and Bluetooth 4.0
- Optional LTE modules
- Optional integrated 1D/2D Imager
- Extra expansion port in rear for custom-designed sensors

### Description

The BARTEC Agile X industrial tablet PC is a purpose-built UL Division 2 and ATEX Zone 2 device for enterprise use in rugged environments.

Packed with features, the Agile X is the perfect tool for maintenance technicians, operators, engineers and project managers in the field.

BARTEC has optimized this device for maximum productivity. It includes 5 MP rear camera for worksite capture, 2 MP front-side camera for video calling, high accuracy GPS, and optional integrated barcode reader. The Agile X also features a rear-side expansion slot, allowing the tablet to be extended with custom-designed sensors.

### Enterprise and Field Ready

The device leverages the full power of Windows Embedded 8.1 Industry, the ultimate industry-ready enterprise-level operating system. Windows Embedded 8.1 Pro but with added security features such as device lockdown to avoid, for example, registry alteration or USB device addition.

A seamless transition from the office to the field with office and vehicle docks can be created. Wireless LAN, Bluetooth and optional LTE also provides real-time data transfer and connectivity to field workers.

### Mobile Rugged Design

The Agile X is a military-spec rugged mobile device, withstanding shock, vibration and 4-foot drops to concrete. It can be operated in a wide temperature range of -20 °C up to +40 °C, allowing the tablet to be used in the toughest of industrial environments.

With IP 65 rating, the device is dust tight, and can withstand water jets against the device enclosure. So, it is easily cleaned after a rough day in the field.

### Full Shift Battery Life

The Agile X is offered with the latest Intel BayTrail-M Quad-Core 1.8 GHz processor to provide high performance and low power consumption, providing extended battery life.

With up to 8 hours of operation, the Agile X will provide full-shift support for maximum time in the field (tested with Mobile Mark 2007). The Agile X has overtime covered as well, with the option to tool-less hot-swap to spare battery.

### The Ultimate Display for the Field

With its huge 10.1" 1920 x 1200 LED high resolution, 700 nits high-brightness display, the Agile X provides perfect viewing for all daylight conditions. This screen brings alive presentations, schematics and applications.

The minimum 4-point Multi-touch Projected Capacitive Touch technology allows users to switch windows, take snapshots, zoom in and rotate easily to take full advantage of Windows® Embedded 8.1 touch interface.

### Customizable for Global Use

The Agile X is ready to work for your organization. But BARTEC also understands that every enterprise has unique needs. That's why BARTEC can support with hardware customizations. Conditions may apply.

For global rollouts, BARTEC offers to organize Ex certification for any country.



**Explosion protection**

**Ex protection type**

**ATEX** II 3G Ex ic IIC T4 Gc

**Certification**

B1-A234-7C0001 X

**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 1.8 GHz (turbo frequency up to 2.2 GHz)

**System Memory**

8 GB SODIMM DDR3L-1600

**Storage**

128 GB mSATA MLC SSD

**Operating System**

Windows Embedded 8.1 Industry pro (Downgrade option available)

**Display and Touch**

**Size** 10.1"

**Resolution** 1920 x 1200

**Brightness** 700 nits

**Contrast Ratio** 800:1

**Touch** Projective Capacitive Touch (min 4 points)

**Wireless Communication**

**Wireless LAN**

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**

**US Network Support**

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

**EU Network Support**

LTE, HSPA+, GSM/GPRS

**System I/O, Buttons, Sensors**

**Audio**

1 x Built-in Mic, 2 x 1 W Speaker

**External I/O**

under protective cover - for use only in safe area

1 x Micro HDMI

1 x 30-pin Combo Conn. (Giga-LAN or RS232)

1 x USB 3.0,

1 x Audio Combo Conn. (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 Key, 2 x Volume Key

**Sensors**

Light sensor, G sensor, Gyrometer, 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

**Size and Weight**

**Size (W x L x H)**

271.8 x 197.2 x 19 mm

10.7 x 7.76 x 0.75 inches

**Weight**

1.2 kg/2.64 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 up to +60 °C (-4 °F up to +140 °F)  
inside hazardous area  
-20 °C up to +40 °C (-4 °F up to +104 °F)

**Storage Temperature**

-30 °C up to +70 °C (-22 °F up 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 up to DC 19 V

**Battery**

- 8 hr standard battery
- 7.4 V, min. 5300 mAh Li-Polymer battery
- Charging hours 2.5 hrs

**Adapter**

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

**Service**

**Warranty**

Standard 3 years  
additionally 2 years on request

**Service Contracts**

Available on request

**Accessories as Standard**

8 hr standard battery, stylus, hand strap, charging power supply, line cord for US and EU, shoulder strap, screw driver for I/O cover

**Accessories Options**

Standard spare battery (8 hr)	Ex-rated
Hand strap	Ex-rated
Stylus	Ex-rated
LTE module (for self installation)	Ex-rated
Charger for tablet and battery	Non-Ex
Desk docking station	Non-Ex
Vehicle docking station	Non-Ex

**Selection chart**

Certificate	Code no.	Wireless Option	Code no.	Barcode Capture	Code no.
UL Division 2	<b>1</b>	Wireless LAN only	<b>0</b>	None	<b>0</b>
ATEX Zone 2	<b>3</b>	4G/LTE (US)	<b>1</b>		
		4G/LTE (EU)	<b>2</b>	1D/2D Imager	<b>3</b>

**Complete order no. B7-A23**  **-4**  **31/11110**  **00**

**10.1" Tablet PC Agile X - M101B<sup>ex</sup>-NI** Please insert correct code. Technical data subject to change without notice.