BARTEC

Agile X® Industry Tablet PC

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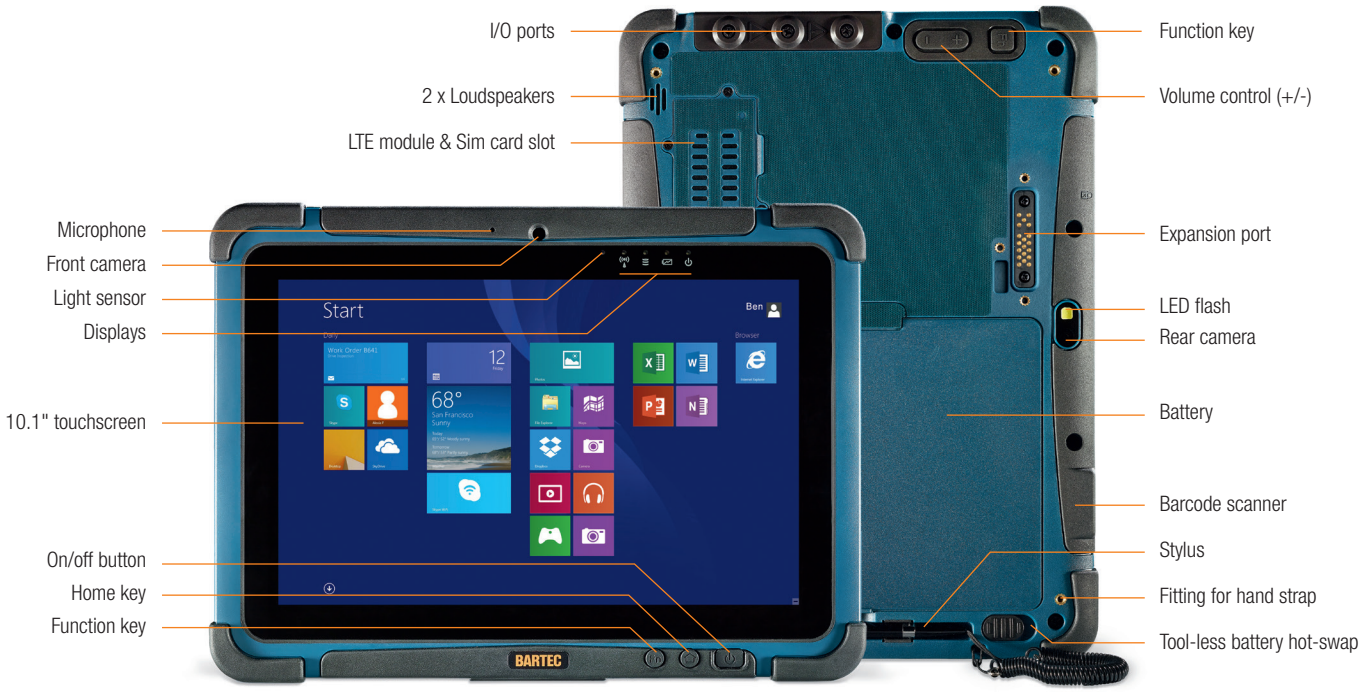

Enterprise ready

ATEX, IECEx and UL certified

Powerful and efficient processor

Future-proof design

Rugged and lightweight

Tool-less hot swap battery

Standard battery 5300 mAh

Long-life battery 10600 mAh

Table-top charger dual compartment

LTE radio module EU/US

Shoulder strap

Desktop docking station

Vehicle docking station

RFID reader

Screen protector Ex certified

Hand strap

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MOBILE SOLUTION FOR HAZARDOUS AREAS

The BARTEC Agile X is an extremely slim and highly flexible industry tablet PC for rough environments. The Windows® Embedded 8.1 Industry Pro operating system permits simple and uncomplicated integration into the existing IT infrastructure. The broad range of accessories available on the market caters to all requirements.

RUGGED WITH GLOBAL CERTIFICATIONS

The Agile X tablet PC is extremely rugged, withstanding shock, vibration and drops from a metre high. It has been produced to the military standard MIL-STD-2106, is water-tight and is the only industrial tablet PC to also be certified Zone 22 dust explosion. Agile X has a large range of international certifications and can be used globally. It is certified to ATEX, IECEx Zone 2/22 and UL Class I Division 2. Further national certifications are possible on customer request.

MODULAR, FLEXIBLE AND FUTURE-PROOF

The BARTEC Agile X follows a future-proof and modular concept to ensure the sustainability of IT infrastructure investments. The high performance Quad-Core processor is fan-free, guarantees a high working speed and a long battery life. The hot-swap battery can be replaced quickly and simply without the use of tools. A double capacity battery is also available. Two high-resolution cameras permit video calling and photo documentation directly at the point of deployment. The Agile X tablet PC also permits the scanning of barcodes, the reading of RFID tags and the determination of the position by GPS.
Integrated Bluetooth 4.0, Wi-Fi and optional LTE radio modules, all of which satisfy global mobile communication standards, provide the foundation for global networking and communication.

SECURITY FOR YOUR COMPANY

The hacking or theft of a tablet PC increases the corporate security risk. Agile X offers security. Firstly with a Kensington lock and secondly a system lock with Windows® Embedded 8.1 Industry Pro and a Trusted Platform Module (TPM). If the device is lost it can be located simply and safety using Computrace.

SIMPLE INTEGRATION INTO YOUR COMPANY

Agile X uses Windows® Embedded 8.1 Industry Pro. Additional functions include the integrated activation and a device lockdown, permitting the use of a single product key on several devices. Docking stations are available both for car and desktop usage to guarantee a smooth transition between office and the field.

NAVIGATION AND POSITIONING

Oil and gas pipelines and huge industrial plants can make positioning a real challenge. Agile X has a GPS accuracy of up to 2.5 m so that the position of the device can be determined easily. The "ECompass" software enables the user to walk through his plant virtually and to conduct a comparison with the actual situation on site.

READABILITY AND DATA CAPTURE

The brilliant, high-resolution 10.1" LED display (1920 x 1200) is very bright (700 cd/m^2) and guarantees perfect operating and viewing even in unfavourable light. A special optical bonding with gorilla glass 3 gives the Agile X more contrast stability, lower sensitivity and protects against humidity and dust. The integrated barcode and RFID scanner and a freely configurable expansion interface are available optionally.

AREAS OF USE	FEATURES	BENEFITS	TECHNOLOGY
Oil and gas industry	Military specification (MIL)	Remote access to data	Capacitive 10.1" touchscreen
Services for gas and oil fields	Large operating temperature range	Mobility	Windows® Embedded 8.1 Industry Pro
Petrochemical industry	Cameras on front and rear	Optimized work flows	Intel BayTrail-M processor
	Integrated barcode scanner	Increased security	"Hot swap" battery replacement

Agile X®

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Explosion protection	
ATEX	Ⓔx II 3G Ex ic IIA/IIC T5 Gc Ⓔx II 3D Ex ic IIIB T90°C Dc IP 54 Certification EPS 15 ATEX 1 823 X
IECEx	Ex ic IIA/IIC T5 Gc Ex ic IIIB T90°C Dc IP 54 Certification IECEx EPS 15.0010X
UL	Class I Division 2 Groups A, B, C, D T4 A Certification UL File E321557
Temperature range	
Outside hazardous area	-20 °C to +60 °C
Inside hazardous area	-20 °C to +50 °C
Storage	-30 °C to +70 °C
Operating air humidity	30 % ~ 90 % (non-condensing)
Power input	
Battery life	up to 8 hours
Battery	7.4 V, min. 5300 mAh, lithium-polymer
Charging time	2.5 hours
Power adapter	AC 100 to 240 V, 50 to 60 Hz/DC 19 V
System	
Processor	Intel BayTrail-M Quad-Core 1.8 GHz
System memory	8 GB SODIMM DDR3L-1600
Fixed-disk memory	128 GB mSATA MLC SSD
Memory option	1 x Micro SD slot (supports up to 64 GB) upgrade to 256 GB possible
Operating System	Windows® Embedded 8.1 Industry Pro, Windows® 7 Professional
Display and touchscreen	
Size	10.1"
Resolution	1920 x 1200
Brightness	700 cd/m² (daylight readable without restriction)
Contrast Ratio	800:1
Touchscreen	Multi-Touch-PCT/Bonded/Gorilla glass 3

Zone 2/22
Division 2

ATEX

ANSI/ISA

CSA

IECEx

Certifications for Brazil, China, Korea, Russia, South America and South Africa applied for.

Communication	
Wi-Fi	IEEE 802.11 a/b/g/n
Bluetooth	Bluetooth 4.0 (Class I)
GPS	accurate up to 2.5 m
LTE module	Network options for USA and EU
Data capture	
Camera front	2 MP
Camera rear	5 MP with 1W LED flash (1 W)
Barcode capture	Optional 1D/2D Imager Internal HF reader (cannot be combined with 1D/2D Imager)
via Erweiterungsport	RFID UHF Dual Reader
Sensors	
Sensors	Light sensor, gyrometer, G sensor, ECompass
Size and weight	
Size	271.8 mm x 197.2 mm x 19 mm
Weight	1.2 kg with standard battery
Accessories	
Scope of delivery	Charger power pack Mains cable EU and US Standard battery 5300 mAh Stylus + spare tip Hand strap CD with drivers and manual Cover for docking station interface
Optional accessories	Car charging cable VESA mount Long-life battery 10600 mAh Adapter cable for 30-pin Combo Port to RS232 Adapter cable for 30-pin Combo Port to LAN Micro HDMI connecting cable

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