

MOBILE SOLUTION FOR HAZARDOUS AREAS

Agile X von BARTEC is an extremely rugged and flexible industrial tablet PC for harsh environments. The 3 available operating systems Windows[®] 10 IoT, Windows[®] Embedded 8.1 Industry Pro or Windows[®] 7 Professional for Embedded Systems permit the simple and uncomplicated integration into the existing IT infrastructure. The most extensive range of accessories on the market leaves nothing to be desired.

RUGGED WITH GLOBAL CERTIFICATIONS

The Agile X Tablet PC is extremely rugged, withstands impact, vibrations and even a fall from a height of one metre. With regard to impact, knocks, falls, temperature and vibration, the device corresponds to MIL-STD-810G. It is waterproof and is also the only industrial tablet PC with Zone 22 combustible dust certification. Agile X has a large number of international certifications and can be used worldwide. It is approved in accordance with ATEX, IECEx Zone 2/22 and UL Class I Division 2. Further national approvals are possible at the request of the customer.

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 security risk to your company increases when a tablet PC is hacked or stolen. Agile X offers security, firstly by means of a Kensington lock and secondly because it is possible to lock the device completely using the available Windows operating systems and a Trusted Platform Modul (TPM). If the device is lost, it can be located simply and securely using Computrace.

SIMPLE INTEGRATION INTO YOUR COMPANY

Agile X is available with 3 different Windows operating systems. Additional functions include the integrated activation and a device lock. This permits the use of a single product key on a number of devices. Docking stations are available for both the car and desk, enabling you to switch easily between work in the office and work in the field.

NAVIGATION AND POSITIONING

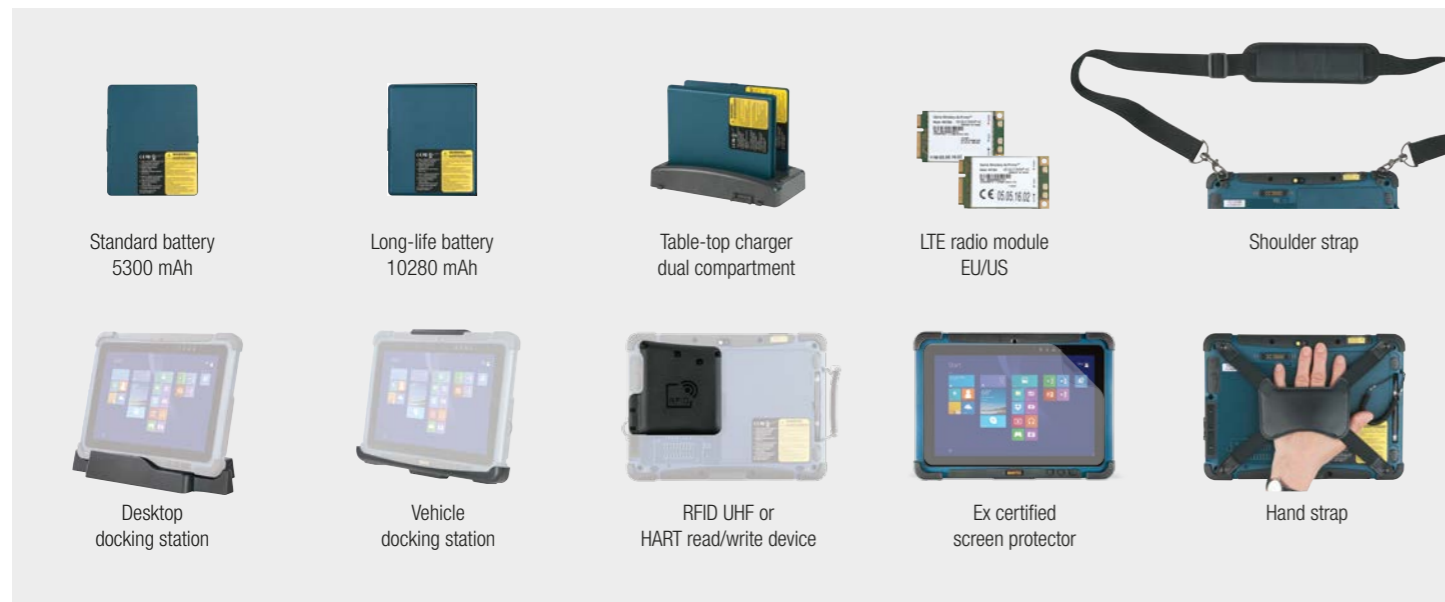
Oil and gas pipelines and huge industrial plants can make positioning a real challenge. Agile X has a GPS accuracy of up to 2.5 m so that the position of the device can be determined easily. The eCompass software enables the user to walk through his plant virtually and to conduct a comparison with the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

READABILITY AND DATA CAPTURE

The brilliant, high-resolution 10.1" LED display (1920 x 1200) is very bright (700 cd/m²) 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 or RFID scanner and a freely configurable extension interface (e.g. with HART add-on module or RFID UHF add-on module) are available as options.

Enterprise ready	ATEX, IECEx and UL certified	Powerful and efficient processor	Future-proof design	Rugged and lightweight	Tool-less hot swap battery
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AREAS OF USE	FEATURES	BENEFITS	TECHNOLOGY
Oil and gas industry Services for gas and oil fields Petrochemical industry	Military specification (MIL) Large operating temperature range Cameras on front and rear Integrated barcode scanner or RFID HF reader	Remote access to data Mobility Optimized work flows Increased security	Capacitive 10.1" touchscreen Windows embedded operating systems: - Windows [®] 10 IoT - Windows [®] Embedded 8.1 Industry Pro - Windows [®] 7 Professional for Embedded Systeme Intel BayTrail-M processor Hot swap battery replacement



Explosion protection

Marking 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
Marking 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
Marking UL	Class I Div. 2 Groups A, B, C, D T4 A
Certification	UL File E321557
Other approvals and certificates, see www.bartec.de	

Technical data

Processor	Intel BayTrail-M Quad-Core with 1.8 GHz (turbo frequency up to 2.2 GHz)
Memory	8 GB SODIMM DDR3L-1600
RAM	128 GB mSATA MLC SSD optional: 256 GB mSATA MLC SSD
Storage option	1 x microSD slot (supported up to 32 GB)
Operating system	Windows® 10 IoT (64 bit), multi-language, Windows® Embedded 8.1 Industry Pro (64 bit) Windows® 7 Professional for Embedded Systems (Service Pack 1 - 64 bit)
Size	10.1"
Resolution	1920 x 1200 pixel
Brightness	700 cd/m ²
Contrast ratio	800:1
Front glass	Gorilla glass, 3 mm with hardness of 8 H
Touch function	Projective Capacitive Touch (min. 4 points)
WLAN-WiFi	IEEE 802.11 a/b/g/n
Bluetooth	Version 4.0 (Class I)
GPS	u-Blox Neo-6Q, up to 2.5 m accuracy
EU Network support (Type 03-9826-0128 or 03-9826-0141)	LTE, HSPA+, GSM/GPRS
US Network support (Type 03-9826-0127 or 03-9826-0142)	LTE, HSPA+, GSM/GPRS/EDGE, EVDO Rev A, 1 x RTT
Sensors	Light sensor, G sensor, Gyro meter and ECompass

Zone 2/22
Division 2



ATEX



ANSI/ISA



CSA



IECEx

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

Camera	5 MP camera with autofocus and LED flash on the back 2 MP camera on the front
Barcode capture (optional)	1D/2D Imager
HART Add-On Modul (optional) (Type 03-A2Z0-0033)	configure, parameterize, read and measure of HART devices in the hazardous area
RFID HF Reader intern 13.56 MHz (optional)	Supported standards ISO 15693 (Read/Write) ISO 14443 (Read/Write) ISO 18092 (Read)
Via expansion port RFID UHF Add-On Modul dual band (optional) (Type B7-A2Z0-0032)	US: 902 to 928 MHz EU: 865.6 to 867.5 MHz Supported standards EPC Global GEN2 (ISO1800-6c) with DRM optional: ISO 18000-6B Note: The RFID UHF Add-on module can not be combined with internal RFID HF Reader
Size (W x L x H)	271.8 mm x 197.2 mm x 19 mm
Weight	1.5 kg with standard battery
Protection class	IP 65 (EN/IEC 60529)
Operating temperature	outside hazardous area -20 °C to +60 °C inside hazardous area -20 °C to +50 °C
Storage temperature	-30 °C to +70 °C
Operating humidity	30 % ~ 90 % (non-condensing)
Standard battery	Lithium-polymer battery 7.4 V/5300 mAh (39.22 Wh), charging time: 3 h, running time: up to 6 h
Long-Life battery	Lithium-polymer battery 7.4 V/10280 mAh (76.07 Wh), charging time: 6 h, running time: up to 13 h
Hot-Swap battery	7.4 V/330 mAh (included with the device)
Adapter	AC 100 to 240 V, 50 to 60 Hz/DC 19 V
Scope of delivery	Standard battery/optional Long-Life battery, Stylus, Hand strap, Charging power supply, Power cable (EU + US)
Optional accessories	for use in hazardous areas: Standard battery/optional Long-Life battery, Stylus, Hand strap, Screen protector, Carry system, Leather carry case, Shoulder strap, Radio module 4G/LTE (self-assembly), RFID UHF add-on module (self-assembly), HART add-on module (self-assembly) for use in non-hazardous areas: Charging power supply, 2-slot battery charging station, Charging power supply with vehicle adapter, Docking-Station, Vehicle docking station, Mounting plate VESA mount, Adapter cable LAN/RS232, Micro HDMI cable