DATA SHEET

AGILLOX

AGX FB A2
EXTRA RUGGED
Tabelt PC

IP65 — INGRESS PROTECTION

CERTIFIED MIL-STD 810G

Product Description

Performance of the AGX FB A2

RELIABLE IN EVERY SITUATION
The rugged magnesium alloy housing protects against water, dust and harsh elements and the compact design fits perfectly in the hand. The AGX FB A2 withstands drops from 1.5 m (60") height and is certified to meet IP65 and MIL-STD810G standards. Even when using this rugged Tablet PC on a boat, salt fog doesn't harm the unit.

SUNLIGHT OUTDOOR READABILITY
The all-new 7 "display includes a circular polarizer and provides a clear, readable image in direct sunlight. The built-in ambient light sensor helps save energy by automatically adjusting the display brightness ambient lighting conditions.

ALL DAY LONG
The improved dual 5200mAh battery pack keeps the tablet running up to 8 hours. By deploying a dual-battery pack, the batteries are hot swappable be changed without turning off the AGX FB A2.

POWER - FULL!
The new dual-core Atom processor makes the Fieldbook up to 3 times more powerful than the previous generation without consuming more energy and now also supports the faster DDR3 memory.

CLICK - FLASH - TAG
The integrated 5 MegaPixel camera coupled with the integrated GPS provides geo-tagging and includes an LED flash in poor lighting conditions.

EVERY TIME CONNECTED
Transfer your data wireless as fast as never before. The AGX FB A2 features a 4G (LTE) module, Bluetooth 4.0 and Wi-Fi n. For a seamless communication connection the tablet now supports WWAN (UMTS, 3G, 4G) and Wi-Fi auto-switching. USB, RS232, and Gigabit Ethernet are provided for wired data transfer.

READY FOR THE FUTURE
The AGX FB A2 can be equipped with a high accuracy barcode scanner that can be triggered by a hardware button. The integrated RFID modules (LF, HF & UHF) can be upgraded at any time and allow to follow the technological future as needed. So it is perfectly prepared for various technologies like mobile payment, asset management, waste management, quality assurance, warehouse management, access control or ticketing applications.

* in preparation LF, HF and UHF

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Typical Applications

•Manufacturing	•Health Care	•Vehicle Maintenance & Diagnostics	
•Finance	•Education	•Automotive	•Security
•Gaming	•Hospitality	•Retail & POS	
•Insurance	•Transportation	•Home Automation	

Technical Specifications	**AGX FB A2**

Operating System	Microsoft Windows 7 Pro
Processor	Intel Atom Processor N2600 (1.6GHz) (Cedarview-M), 2x 512MB Level 2 cache, passive cooling
Memory	2GB DDR3 800
Storage	64GB m-SATA SSD	128GB optional
Display	7" sunlight readable resistive Touchscreen LCD with circular polarizer, LED-backlights, 1024 x 600 Pixel (WSVGA), Tempered glass, Landscape / Portrait - Modus (auto-rotating), Supports «Stealth mode» (Speaker and LED lights disabled, display dimmed down to 5 Nits), Ambient light sensor for automatically adjusting of the display brightness
Keypad & Buttons	Power/Suspend button, 4 direction keys (secondary function for brightness and system volume), FN-button (activates secondary functions), Security key (ctrl+alt+del on Windows OS), M-button (Quick menu access, barcode trigger)
LAN / WLAN	LAN: 10/100/1000 Ethernet (depends on I/O configuration) WiFi: Intel Centrino Wireless N6235 (WLAN 2x2 a/b/g/n)
WWAN	4G LTE module on Mini PCIe with SIM slot (Support WWAN / WiFi auto-switch)
GPS	Integrated U-Blox 6 module for GPS and Galileo signals
Bluetooth	Bluetooth 4.0
Expansion Slots	1x SD/SDHC Memory Card, 1x 5pin USB interface connector Different options available - PCMCIA or - SmartCard Reader ISO 7816
Camera	Integrierte 5.0 Mega Pixel Kamera, LED Blitz mit 1500mcd, Ünterstützt GeoTagging
Barcode	Unterstützt 1D/2D BarCodes, Winkel: 38.9° (Horizontal), 25.4°(Vertikal), Reichweite: 3,4 - 83 cm
RFID	HF 13,56MHz ISO 15693, 14443A/B, LF 125kHz & 134,2kHz and UHF 868-925MHz in Q3/2013*
G-Sensor	For LCD auto-rotation
Battery (hot-swapable)	2x Li-Ion batteries (each 7.4V, 5200mAh, 38.48W), Runtime circa 8h (depends on display brightness and used wireless devices)
Adapter	AC Adapter (Output: 19V, 3.42A; 65W | Input: 100V-240V, 50Hz-60Hz)
Dimensions	Excl. bumpers: 8.86 x 5.70 x 1.57 inches (225 x 145 x 39.8 mm)
Weight	3.53 lbs (1.6kg) (weight may vary depending on configuration)
Regulatory	EMI+RF+Safety: CUL, FCC DOC, FCC ID, CB, CE, IC RoHS, Energy star 5.2, WEEE compliant
Operating temperature	.-20°C (-4°F) to +55°C (131°F)
Drop	Resists drops to 60 inches (1.5m),
Sealing	IP65 & MIL-STD810G, salt fog, shocks, vibrations, thermal shocks, water, dust,

Accessories:

RS232, RJ45, USB

RS232 2 x USB

indiv. connectors

X-Shut holster   KFZ Cradle   Desktop Cradle