DATA SHEET

AGILLOX

AGX FB B1
EXTRA RUGGED
10" Tabelt PC

Product Description

Performance of the AGX FB B1

FIELD RELIABLE
Focus on your mission, on what's important – getting your work completed – quickly, accurately and with confidence. With the Fieldbook B1 you don't have to worry about drops, dust, liquids, vibration, salt fog or thermal shocks. That's because the B1 is IP65 and built to get the job done.

EVERYWHERE READABILITY
The B1 ambient light sensor provides a wide range of performance in lighting environments from low light to bright sunlight. You will find this particularly helpful for automatic display management. The dimming or brightness control will also reduce power consumption, extend battery life and provide optimum viewing in diverse conditions. Even in direct sunlight.

THE WAY YOU WANT IT
Configuring the B1 to your requirements just got simpler. The new snap on module allows you to add any combination of RFID (NFC-IP1), Barcode Scanner (1D/2D) and GPS with integrated antenna. Build your Fieldbook exactly as you need it.

OVERTIME DUE?
Day running long? No hassles here with the B1 providing up to 9 hours continuous operation. And if your day is running even longer, simply swap out the removable second battery with another. With the optional removable battery and external charger you will always have another battery ready to go.

COMMUNICATIONS
The Fieldbook B1 already has all necessary wireless communication components on board. Wi-Fi n, Bluetooth (4.0) and optional 4G LTE. For wired communication the Fieldbook features two standard USB ports, one Ethernet interface through a USB Mini-B port and can be equipped with a RS232 port via an adapter.

FIELDCONTROL
The Fieldcontrol software allows you to quickly control the main Fieldbook features.
• Screen brightness & volume, auto-brightness & screen auto-orientation On/Off
• Enable / Disable each wireless device, Airplane Mode and the integrated cameras
• Access to the key mapping – map a function like barcode triggering or a key combination to any of the hardware buttons (also secondary functions)
• The system info displays necessary information like the installed OS version, the Fieldbook's serial number and the battery health status (Max & current charge, design & current capacity)
• The admin menu allows protecting each single function from user access. For example you don't want the user to deactivate the GPS and to activate the integrated cameras – you can manage it with Fieldcontrol.

READY FOR THE FUTURE
The Fieldbook B1 can be equipped with a high accuracy barcode scanner that can be triggered by a hardware button. The optional RFID module features the NFC protocol for future technologies like mobile payment, 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 B1**

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	32GB SATA SSD, Optional 64GB & 128GB
Display	10.4" daylight readable display 5-wire resistive Touchscreen LCD 1024 x 768 Pixel (XGA) Integrated ambient light sensor for saving energy Supports stealth mode Option : sunlight readable display
Keypad & Buttons	1x Power on/off, 1x 2nd function, 1x Wireless Key, 1x Touchscreen On/Off, 8x programmable buttons each with secondary function1
LAN / WLAN	WiFi IEEE 802.11 a/b/g/n , Bluetooth 4.0, Ethernet, serial interface
WWAN	Option: WWAN 3.5G or 4G (LTE)
SNAP ON Modul (optional)	The snap-on module can support 1, 2 or 3 options at the same time. RFID: ISO/IEC 14443A, 14443B, Mifare 1K/4K, NFCIP-1 protocoll GPS: Integrated GPS with antenna BarCode: 1D/2D barcode scanner
Expansion Slots	1x Docking Connector, 1x DC-In 2x USB 2.0 Type A, 1x Audio for head- and microphone 1x Ethernet via USB Mini-B, RS232 via USB
Security	Administrator & Boot password, TPM 1.2 (Option), Kensington Lock Support Computrace feature
Camera	Rear: 5 Mega Pixel camera with LED flash Front: 2 Mega Pixel camera Supports Geo-tagging feature
Audio	Water and dust proof proof speaker, integrated microphone
Fieldcontrol	Pre-installed software to quick control the main Fieldbook features - Brightness & volume, Auto-brightness On/Off, Auto-rotate On/Off - Wireless devices On/Off, Airplane Mode - Webcams Enable / Disable - Key mapping (mapping for the programmable buttons) - System Info incl. battery health (capacity & charging cycles) - Admin menu to protect access to selected functions by std. user - Update functionality
Power	Battery: Internal Smart Li-Polymer battery, 3800 mAh, 7.4V Option: 2nd battery for hot-swapping, 4200 mAh AC Adapter: 100V - 240V, 50-60 Hz input, 19VDC@3.42A, 65W Runtime up to 9h with 2nd battery2
Dimensions	294 x 222 x 41 mm (11.57 x 8.74 x 1.6 inch) incl. corners
Weight	1475g (3.25 lbs) depending on configuration
Regulatory	CE, FCC, UL
Environment & Operating temperature	IP65 & MIL-STD810G, resists drops to 6ft (1.82m)3, vibrations, thermal and mechanical shocks, -20°C to +50°C operating, salt fog resistant

Accessories:

Snap-on-Modul

GPS, RFID & BarCode

Sunlight readable display	Battery charger
4G LTE or 3.5G Modul	Car adapter (12-32 VDC)
Second battery (4200 mAh)	Hand strap
Desktop Cradle	Shoulder strap
Car Cradle	