BLUEBIRD

8″ Rugged Tablet Computer with Fingerprint Scanner

RT080 iBio

Optimised for Business Expert in Every Aspect

● **Solid Performance**

RT080 iBio delivers fast and powerful performance, thanks to its 2.0 GHz Octa Core Processor.

● TankSmith™ Ruggedness

Incorporated with the proprietary TankSmith™ technology, RT080 iBio is the reliable tablet for workers in harsh industrial environments.

● **Exceptional Versatility**

Combined with the enterprise class add-ons via SmartPlug™, RT080 iBio provides advanced functionality including barcode scan and payment.

● **Always Connected**

Its exceptional network connectivity with support for LTE and Bluetooth allows workers to access information wherever they go, whenever they need.

Integrated
Optical
Fingerprint
Scanner

RT080 iBio Specifications

PERFORMANCE CHARACTERISTICS

CPU	Octa Core Processor 2.0GHz
OS	Android 7.1.2
MEMORY	Internal Memory, 2GB, 4GB RAM / 16GB, 32GB, 64GB ROM
INTERFACE	Docking connector; 1 x USB Type C

COMMUNICATION OPTIONS

WWAN RADIO	LTE/HSPA+/HSPA/UMTS, EDGE/GSM/GPRS
WLAN RADIO	802.11 a/b/g/n/ac
WPAN RADIO	Bluetooth Support

DATA CAPTURE

RFID	(Optional) ISO 15693 13.56 MHz Compatible standards: ISO/IEC14443-4 Type A & B, MIFARE (Classic 1K and 4K , DESFire, MIFARE Plus), NFC Forum (tag type 1, 2 , 3, 4)
CAMERA	8Mega Pixel Auto Focus Camera with LED Flash; 2MP Fixed Focus
BARCODE SCANNER	1D&2D imager (w/ the Smart Plug)

PHYSICAL CHARACTERISTICS

DIMENSIONS	215.8 x 128.8 x 12.95mm
WEIGHT	450g
Display & Touch	8-inch Display
Battery	User replaceable Battery 3.8V, 6000mAh
EXPANSION SLOT	Customer-accessible MicroSD
SIM/SAM SLOT	1 SIM (WWAN Only)
AUDIO	Loud Speaker(MONO), 1 microphone, 3.5 pi standard audio jack
GPS	Integrated A-GPS, GLONASS
Sensors	Ambient light, Gyroscope, Accelerometer, Electronic Compass

USER ENVIRONMENT CHARACTERISTICS

DURABILITY	TankSmith™ Technology; IP66 Sealing, 1.0m Drop / MIL-STD 810G
OPERATING TEMP	-10℃ to 60℃
STORAGE TEMP	-20℃ to 65℃
HUMIDITY	90% non-condensing

FINGERPRINT SCANNER

CERTIFICATIONS	FIPS PIV IQS / ISO 19794-4 : 2011 , MINEX & FIPS 201 complaint algorithms, STQC, Fake Finger Detection
SECURITY	FIPS 140-2 Level 2, Data is encrypted
SENSOR TYPE	OPTICAL – CBM-E3, MSO 1300 E3 Morpho
FEATURE EXTRACTION	Proprietary, ISO 19794-2, ANSI 378
FAKE FINGER DETECTION	Fake Finger Detection

ACCESSORIES

CRADLE (1 SLOT)	1 Device Charging / Ethernet. Adaptor 12V / 6A
CRADLE (4 SLOTS)	4 Slot Battery Charger. Adaptor 12V /6A
USB CHARGER	USB Type C cable, 5V / 2A
VEHICLE CHARGER	Vehicle Charger / Mount
SMART PLUG	Barcode, Spin Hand strap, MSR, Fingerprint
ETC.	Shoulder Strap, Hand Strap, Screen Protector Film

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