TB128
The tablet that does it all.

The TB128 rugged Android tablet places the easy functionality of consumer-grade tablets in a business-quality package. Our new tablet is built from the ground up to be tough but light, powerful yet simple to operate. It's a durable tablet packed with the features you need to streamline your busy and growing operation. Its crystal-clear touch screen, aggressive barcode scanner and ergonomic, programmable keyboard work together for seamless data entry.

Powerful Android OS

Experience Android at its most functional. The TB128 runs multiple applications quickly and efficiently–key stock and inventory information is just a swipe away. The familiar interface ensures that your team will be able to unlock its full potential with only minimal training.

Versatile Data Collection

Scan, swipe or type your data into this powerful machine. The TB128 features an integrated keyboard and your choice of 1D or 2D barcode scanner or MSR reader.

Extreme Durability

Falls, spills, vibrations, extreme temperatures–the TB128 is a true indoor/outdoor workhorse. The scratch and shatter-resistant Gorilla Glass III screen can take falls of up to 4 feet face first to dramatically reduce the cost of repairs and replacements.

Main Features:

- Android 6.0
- 7" Gorilla Glass III sunlight-readable touch screen
- Programmable keyboard (37 keys)
- Integrated 1D or 2D barcode scanner and camera
- Rugged: IP65, withstands 4-foot falls to concrete
- Vibration and shock tested

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System Features

CPU	MTK MT8735 1.3Ghz Quad Core Processor
Memory	3GB Mobile DDR RAM
	16GB eMMC NAND Flash
OS	Android™ 6.0
Languages	English, Simp. Chinese, Traditional Chinese, Japanese, Spanish, German, French

Display

Gorilla Glass III with capacitive touch panel
7" Color Transmissive 1280 x 750 dots LCD

Keypad

37 physical keys. Numeric and function keys.

Indicator

One LED for charging and scanning

Optional Scan Engines

1D Laser	UPC-A/E, EAN-8/13, Codabar, Code 39, Code 39 full ASCI, Code 93, Code 32, Interleaved & Std. 2 of 5, EAN 128, Code 11, Delta, MSI/Plessey, Code 128, Toshiba, RSS expanded, RSS Limited, RSS14.
2D Imager	PDF 417, Micro PDF417, Composite, RSS, TLC-39, Datamatrix, QR code, Micro QR code, Aztec, Maxi Code, Postal Codes: US PostNet, US Planet, UK Postal, Australian Postal, Japan Postal, Dutch Postal (KIX)

Regulatory Approvals

CE, FCC, CB

Enclosure

Weight	47 ounces
Dimension	10.4 x 5.7 x 0.7 inches

Environmental

Operating temperature	14°F to 122°F (-10°C to 50°C)
Storage temperature	-4°F to 140°F (-20°C to 60°C)
Charging temperature	32°F to 104°F (0°C to 40°C)
Relative humidity	5% ~ 95% (non-condensing)
Drop Test	4 feet, MIL-STD 810G, Method 516.6, Procedure IV
Environmental Seal	IP65 IEC/EN 60529 Standard
Vibration and Shock Test	MIL-STD-810G, Method 514.6, Procedure I MIL-STD-810G, Method 514.6, Procedure II, Category 5

Communication

Camera and Flash Light	2 MP Front Camera 8 MP Rear Camera CMOS Sensor Camera with Auto focus, LED flashlight
External storage	Supports MicroSD card up to 64 GB
USB	USB 2.0 OTG
WLAN	IEEE 802.11 a/b/g/n
Bluetooth	Bluetooth 4.1
WWAN	GSM/EDGE (850, 900, 1800, 1900 MHz); UMTS/HSPA+ (850, 900, 1700, 1900, 2100 MHz) Download 21 Mbps / Upload 5.76 Mbps
GPS	GPS supports MS-assisted, MS-based and autonomous operation modes
Other Sensors	eCompass, Light & Proximity sensor, G-sensor
RFID	UHF Frequency: 902-928MHz Frequency: 13.56MHz Tag Support: ISO15693, ISO14443A , ISO14443B Support NFC

Power Source

Main Battery	Swappable Battery. 19.76 Wh 3.7V @5200mAh Li-Polymer battery pack
Backup Battery	1 hour

Accessories

Single Slot USB Client/Host Cradle with Battery Charger
Handstrap
5200 mAH standard Battery
USB Communication Cable
Power adaptor with universal plugs

MDM Software

MoboLink®
Device Management; Application Management; Event Triggers

Certificate

Microsoft Azure IOT

Security

TPM1.2