



## TB120

The tablet that does it all.

The TB120 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 TB120 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 TB120 features an integrated keyboard and your choice of 1D or 2D barcode scanner or MSR reader.

### Extreme Durability

Falls, spills, vibrations, extreme temperatures—the TB120 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 4.3
- 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

### System Features

|           |  |
|-----------|--|
| CPU       | TI OMAP 4470 1.5 Ghz Dual Core Processor                                       |
| Memory    | 1GB Mobile DDR RAM<br>8GB eMMC Flash   |
| OS        | Android™ 4.3   |
| Languages | English, Simp. Chinese, Traditional Chinese, Japanese, Spanish, German, French |

### Display

Gorilla Glass III with capacitive touch pannel  
7" Color Transmissive 1280x800 dots LCD

### Keypad

37 physical keys. Numeric and function keys.

### Indicator

LED light, Vibration

### Optional Scan Engines

|           |  |
|-----------|--|
| 1D Laser  | UPC-A/E, EAN-8/13, Codabar, Code 39, Code 39 full ASCII, 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, NCC, FCC, BSMI, VCCI, CCC, RoHS compliance

### Enclosure

|           |                         |
|-----------|-------------------------|
| Weight    | 26 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<br>MIL-STD-810G, Method 514.6, Procedure II, Category 5 |

### Communication

|                        |  |
|------------------------|--|
| Camera and Flash Light | 2 MP Front Camera<br>5 MP Rear Camera CMOS Sensor Camera with Auto focus, LED flashlight                           |
| External storage       | Supports MicroSD card up to 32 GB  |
| USB                    | USB 2.0 OTG  |
| WLAN                   | IEEE 802.11 a/b/g/n  |
| Bluetooth              | Bluetooth 4.0 with Bluetooth SIG certification   |
| WWAN                   | GSM/GPRS/EDGE 850/900/1800/1900 MHz-zUMTS 850/900/1700/1900/2100 MHz WCDMA modem, HSPA+, DL: 21Mbps/ UL: 5.76Mbps. |
| GPS                    | GPS supports MS-assisted, MS-based and autonomous operation modes  |
| Other Sensors          | eCompass, Light & Proximity sensor, G-sensor   |
| RFID                   | Frequency: 13.56 MHz<br>Tag Support: ISO15693, ISO14443A , ISO14443B<br>Supports NFC                               |

### Power Source

|                |   |
|----------------|---|
| Main Battery   | Swappable Battery. 19.76 Wh 3.8V @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



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