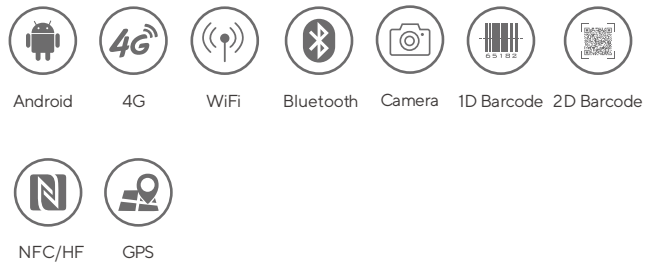




**13**  
android

# P80

## Industrial Tablet



Chainway P80 with abundant functions is an Android 13 rugged tablet. With its powerful Qualcomm CPU, 8 inch high-definition screen, 8000 mAh battery and comprehensive data capture options like, barcode scanning, HF RFID/ NFC, etc., you can find this easy-to-deploy device a valuable helper to increase productivity in retail, logistics, warehousing, identity verification, meter reading, etc.



# Specification

## Physical Characteristics

<b>Dimensions</b>	250.8 x 152.0 x 15.0 mm / 9.87 x 5.98 x 0.59 in. ( for standard version )
<b>Weight</b>	700 g / 24.69 oz. ( for standard version )
<b>Display</b>	8" IPS LTPS 1920 x 1200 / IPS LTPS 1280 x 800
<b>Touch Panel</b>	Corning Gorilla Glass, multi-touch panel, gloves and wet hands supported
<b>Power</b>	Main battery; Li-ion, rechargeable, 8000 mAh Standby: over 500 hours Continuous use: over 10 hours (depending on user environment) Charging time: 5-7 hours (with standard AC adaptor and USB cable)
<b>Expansion Slot</b>	1 slot for Micro SIM card, 1 slot for MicroSIM / TF card, Optional dual PSAM card slots
<b>Interfaces</b>	USB 3.0 Type-C, OTG
<b>Audio</b>	Speaker, microphone
<b>Keypad</b>	1 front key, 1 volume key, 1 power key, direction key (Optional)
<b>Sensors</b>	Gravity sensor, Gyroscope, Accelerometer sensor

## Performance

<b>CPU</b>	Qualcomm 1.8 GHz Octa-core
<b>RAM+ROM</b>	3 GB + 32 GB
<b>Expansion</b>	Supports up to 128 GB Micro SD card

## Developing Environment

<b>Operating System</b>	Android 13; GMS, 90-day security updates, Android Enterprise, Zero-Touch, FOTA, Soti MobiControl, SafeUEM supported
<b>SDK</b>	Chainway Software Development Kit
<b>Language</b>	Java
<b>Tool</b>	Eclipse / Android Studio

## User Environment

<b>Operating Temp.</b>	-4°F to 122 °F / -20°C to 50 °C
<b>Storage Temp.</b>	-40°F to 158 °F / -40°C to 70 °C
<b>Humidity</b>	5% RH - 95% RH non condensing
<b>Drop Specification</b>	Multiple 1.5 m / 4.92 ft. drops to concrete across the operating temperature range
<b>Tumble Specification</b>	500 x 0.5 m / 1.64 ft falls at room temperature
<b>Sealing</b>	IP65 per IEC sealing specifications
<b>ESD</b>	±15 KV air discharge, ±8 KV conductive discharge

## Communication

<b>WLAN</b>	Support 802.11 a/b/g/n/ac/d/e/h/i/k/r/v, 2.4G/5G dual-band, IPv4, IPv6; Fast roaming: PMKID caching, 802.11r, OKC; Operating Channels: 2.4G(channel 1-13), 5G(channel 36, 40, 44, 48, 52, 56, 60, 64, 100, 104, 108, 112, 116, 120, 124, 128, 132, 136, 140, 144, 49, 153, 157, 161, 165); Depends on local regulations; Security and Encryption: WEP/WPA/WPA2-PSK (TKIP and AES) / WAPI-PSK - EAP-TTLS, EAP-TLS, PEAP-MSCHAPv2, PEAP-LTS, PEAP-GTC, etc.
<b>WWAN (Europe, Asia)</b>	2G: B3/B5/B8 3G: CDMA EVDO: BCO TD-SCDMA: B34/B39 WCDMA: B1/B5/B8 4G: TDD-LTE: B38/B39/B40/B41 FDD-LTE: B1/B3/B5/B7/B8/B20
<b>WWAN(America)</b>	3G: B2/B4/B5 4G: B2/B4/B5/B7/B12/B13/B17/B28b

<b>Vo-LTE</b>	Support Vo-LTE HD video voice call
<b>Bluetooth</b>	Bluetooth 4.2/4.1+HS/4.0/3.0+HS/2.1+EDR
<b>GNSS</b>	GPS/AGPS, GLONASS, BeiDou, Galileo, internal antenna

## Data Collection

### Camera

<b>Rear Camera</b>	13 MP Autofocus with flash
<b>Front Camera</b>	8 MP

### Barcode Scanning

<b>Scan Engine</b>	Zebra SE4710 (standard) , Zebra SE4850 (optional)
<b>1D Symbolgies</b>	UPC/EAN Code128, Code39, Code93, Code11, Interleaved 2 of 5, Discrete 2 of 5, Chinese 2 of 5, Codabar, MSI, RSS, etc.
<b>2D Symbolgies</b>	PDF417, MicroPDF417, Composite, RSS, TLC-39, Datamatrix, QR code, Micro QR code, Aztec, MaxiCode; Postal Codes: US PostNet, US Planet, UK Postal, Australian Postal, Japan Postal, Dutch, Postal (KIX), etc.

## Accesories:



**RB-P80-RR**  
**Rugged Rubber Boot**



**MOT-P80**  
**Holder**



**CRD-P80-RBC**  
**Charging Cradles & Adapters**

Modelo: P80 / Última actualización: 12-12-2023