

Industrial Tablet EYP80

EYP80 with abundant functions is an Android rugged tablet, that can be equipped with RFID reader and optical scanner. Its powerful Qualcomm CPU, 8 inch high definition screen, 8000 mAh battery and comprehensive data capture options, this tablet is an easy-to-deploy device and a valuable helper to increase productivity in retail, logistics, warehousing and many other applications.



product SPECIFICATIONS

Physical Characteristics

Dimensions	250.8 x 152.0 x 15.0 mm / 9.87 x 5.98 x 0.59 in.
Weight	700 g / 24.69 oz. (for standard version)
Display	8" IPS LTPS 1920 x 1200 / IPS LTPS 1280 x 800
Touch Panel	Corning Gorilla Glass, multi-touch panel, gloves and wet hands supported
Power	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)
Expansion Slot	1 slot for Nano SIM card, 1 slot for Micro SIM / TF card, Optional dual PSAM card slots
Interfaces	USB 2.0 Type-C, OTG
Sensors	Accelerometer sensor, light sensor, proximity sensor, geomagnetic sensor; gyroscope
Sensors	Light sensor, proximity sensor, gravity sensor
Notification	Sound, LED indicator
Audio	1 microphone; 1 speaker; receiver

Accessories


AC Adaptor

USB Cable

Wristband

Pistol(Optional)

Performance

CPU	Qualcomm 1.8 GHz Octa-core
RAM+ROM	3 GB + 32 GB 4 GB + 64 GB (optional)
Expansion	Supports up to 128 GB Micro SD card

Developing Environment

Operating System	Android 9; GMS, 90-day security updates, Android Enterprise, ZeroTouch, FOTA, Soti MobiControl, SafeUEM supported
RAM+ROM	3 GB + 32 GB 4 GB + 64 GB (optional)
SDK	Software Development Kit
Language	Java
Tool	Eclipse / Android Studio

User Environment

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

Headquarter

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R&D / Product Plant

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Communication

WLAN	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), WAPIPSK, EAP-TTLS, EAP-TLS, PEAP-MSCHAPv2, PEAP-LTS, PEAPGTC, etc.
WWAN (Europe, Asia)	2G: 850/900/1800/1900MHz, GPRS, EDGE 3G: CDMA EVDO: BC0 TD-SCDMA: B34/B39 WCDMA: B1/B5/B8 4G: TDD-LTE: B34/B38/B39/B40/B41 FDD-LTE: B1/B3/B5/B7/B8/B20
WWAN(America)	3G: WCDMA: B2/B4/B5 4G: FDD-LTE: B2/B4/B5/B7/B12/B13/B17/B28A/B28B
Vo-LTE	Support Vo-LTE HD video voice call
Bluetooth	Bluetooth 4.2/4.1+HS/4.0/3.0+HS/2.1+EDR
GNSS	GPS/AGPS, GLONASS, BeiDou, Galileo, internal antenna

Data Collection

Camera	
Rear Camera	13MP Autofocus with flash
Front Camera	5 MP
Barcode Scanning (Optional)	
Scan Engine	Zebra SE4710 (standard) , Zebra SE4850 (optional)
1D Symbolologies	UPC/EAN, Code128, Code39, Code93, Code11, Interleaved 2 of 5, Discrete 2 of 5, Chinese 2 of 5, Codabar, MSI, RSS, etc.
2D Symbolologies	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.

RFID (Optional)

UHF	
Frequency	865-868 MHz / 920-925 MHz / 902-928 MHz
Engine	CM510-1 module based on Impinj E510
Protocol	EPC C1 GEN2 / ISO18000-6C
Antenna	Circular polarization (UHF 1, 4 dBi ; UHF 2, 3 dBi)
Power	1W (30 dBm, +5 dBm to +30 dBm adjustable) 2W Optional (33dBm, for Latin America, etc.)
R/W range	UHF 1: Up to 15 m ; UHF 2: Up to 10 m (open outdoors, Impinj MR6 tag);
Fastest Read Rate	900+ tags/sec

* Ranges and rates depend on tags and environment.

NFC

Frequency	13.56 MHz
Protocol	ISO14443A/B, ISO15693, NFC-IP1, NFC-IP2, etc.
Chips	M1 card (S50, S70), CPU card, NFC tags, etc.
Range	2-4 cm

Fingerprint (Optional)

Option 1	
Sensor	TCS1 / TCS2 Capacitive
Option 2	
Sensor	Optical Morpho CBM-E3

InfraRed (Reserved)

Wavelength	940 nm
Frequency	38 kHz
Range	Up to 4 m
Protocol	DLT_645-2007, DLT_645-1997

PSAM (Optional)

Card slot	2 PSAM card slots
Protocol	ISO7816

