

RFID UHF Tablet Scanner IDT RHP80

Designed using Impinj R2000 module



Bluetooth 4.0
BLE



IP 65



Wi-fi



UHF RFID



54689501878

Barcode
(1D & 2D)



IDT RHP80 RFID table is integrated with the industry's best in class Impinj R2000 module. It is a rugged device with over 7m of reading performance with an 8-inch display. It's the right size to get things done. Built with a QUALCOMM processor IDT RHP80 derives excellent performance. This tablet with an RFID reader can perform multiple tasks in various sectors such as Retail Operation, Inventory Management, Logistics, Asset Management etc.

PHYSICAL PARAMETERS

Dimensions	250.8 x 152.0 x 15.0 mm
Weight	700 g
Touch Panel	Corning Gorilla Glass, multi-touch panel, gloves and wet hands supported
Display	8" IPS LTPS 1920 x 1200 / IPS LTPS 1280 x 800
Interface	USB 3.0 Type-C, OTG
Battery	8000 mAh
Alarm	Audio & Visual
Expansion Slot	1 slot for SIM card, 1 slot for SIM / TF card, Optional dual PSAM card slots
Keypad	1 front key, 1 volume key, 1 power key, direction key (optional)
Sensor	Gravity sensor, gyroscope, accelerometer sensor

PERFORMANCE

Processor	Qualcomm 1.8 GHz Octa-core
Expansion	Supports up to 128 GB Micro SD card
Memory	3 GB + 32 GB / 4 GB + 64 GB

ENVIRONMENTAL SPECIFICATION

Temperature	-20°C to +50°C (Operating), -40°C to +70°C (Storage)
Humidity	5% RH - 95% RH non condensing
Drop Test	Multiple 1.5m to the concrete
Protection	IP 65

COMMUNICATION

Bluetooth	Bluetooth 4.2/4.1+HS/4.0/3.0+HS/2.1+EDR
WLAN	IEEE802.11 a/b/g/n
WWAN	2G, 3G & 4G
GNSS	GPS/AGPS, GLONASS, BeiDou, Galileo, internal antenna
Vo-LTE	Support Vo-LTE HD video voice call

UHF RFID

Frequency	865-868 MHz EPC C1 GEN2 / ISO18000-6C
Antenna	Linear polarization (1.8dBi) Circular polarization (4dBi)
Power	1W (30dBm, +5dBm to +33dBm adjustable)
R/W Range	>7m (linear polarization); >15m (circular polarization)
Reading Range	> 200 tags/Sec
Engine	CM2000-1 module based on Impinj Indy R2000

OPTIONAL FEATURE

Barcode	1D & 2D
Fingerprint	Fingerprint enrollment, match, storage etc.
PSAM	2 PSAM slots (maximum)
InfraRed	940nm Wavelegth

ACCESSORIES

Standard	AC Adaptor, USB Cable, Lanyard.
Optional	Cradle, Holster

DEVELOPING SUPPORT

Operating System	Android 9.0; GMS, Android Enterprise, Zero-Touch, FOTA, Soti MobiControl, SafeUEM supported
Language	Java
SDK	Provided
Tool	Eclipse / Android Studio

CAMERA

Rear Camera	13 MP Autofocus with flash
Front Camera	8 MP

ORDER INFORMATION

Part Number	IDT.RH.P80
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APPLICATION AREA



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The product specifications and descriptions listed in the specification sheet are subject to change anytime without notice.

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