



Tablette industrielle ST080 avec NFC en façade avant



Main features:

1. Android 7.1 rugged tablet. With its powerful Qualcomm CPU
2. 8 inch high-resolution screen 1920*1200
3. comprehensive data capture options such as UHF RFID, barcode scanning, HF RFID/ NFC, Iris and fingerprint recognition, etc.
4. 2GB+16GB Ram rom storage, Micro SD card max: 32GB



Android 4G WiFi Bluetooth UHF 1D Barcode 2D Barcode PSAM NFC/HF Fingerprint InfraRed IRIS Camera GPS

Physical Characteristics

Dimensions	250.8mm x 152mm x 15mm/ 9.87 x 5.98 x 0.59in
Weight	700g/24.7oz
Display	8" IPS LTPS 1920x1200
Touch Panel	Corning Gorilla Glass, multi-touch panel, gloves and wet hands supported
Power	Main battery: Li-ion, rechargeable, 8000mAh
Expansion Slot	1 slot for SIM card, 1 slot for TF card, Optional PSAM card slot
Interfaces	USB 3.0 Type-C, OTG
Audio	Speaker, microphone
Keypad	1 front key, 1 volume key, 1 power key
Sensors	Gravity sensor
Performance	
CPU	2.0GHz MSM8953
RAM+ROM	2GB+16GB
Expansion	Supports up to 32GB Micro SD card
User Environment	
Operating System	Android 7.1
SDK	Sincoole Software Development Kit
Language	Java
Tool	Eclipse / Android Studio
Operating Temp.	-40F to 122oF / -20oC to 50oC
Storage Temp.	-40oF to 158oF / -40oC to 70oC
Humidity	5%RH - 95%RH non condensing
Drop Specification	Multiple 1.2m/3.9ft drops to concrete across the operating temperature range
Tumble Specification	500 x 0.5m/1.64ft falls at room temperature
Sealing	IP65 per IEC sealing specifications
ESD	±8KV air discharge, ±4KV conductive discharge
Communication	
WLAN	IEEE802.11 a/b/g/n/ac, 2.4G/5G dual-band, internal antenna

WWAN (Global)	2G: 850/900/1800/1900MHz, GRPS, EDGE
	3G: CDMA EVDO:BC0 TD-SCADMA: B34/B39 WCDMA: B1/B2/B5/B8
WWAN (China)	4G: TDD-LTE: B38/B39/B40/B41 FDD-LTE: B1/B2/B3/B4/B5/B7/B8/B20/B26/B28
	2G: 900/1800MHz 3G: 900/1900/2000/2100MHz 4G: TDD-LTE: B38, B39, B40, B41 FDD-LTE: B1, B3, B8
Bluetooth	Bluetooth 4.2/4.1+HS/4.0/3.0+HS/2.1+E
GNSS	GPS/AGPS, GLONASS, BeiDou, internal
Data Collection	
Rear Camera	13MP Autofocus with flash
Front Camera	8MP
Barcode Scanning optional (Optional)	
Scan Engine	Zebra SE4710 (standard), Zebra SE4850 (optional)
1D Symbologies Interleaved	UPC/EAN, Code128, Code39, Code93, Code11, 1D Symbologies Interleaved 2 of 5, Discrete 2 of 5, Chinese 2 of 5, Codabar, MSI, RSS, etc.
2D barcode Scanner	PDF417, MicroPDF417, Composite, RSS, TLC-39, Datamatrix, 2D Symbologies 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	865MHz-868MHz / 920-925MHz / 902-928MHz
Protocol	EPC C1 GEN2 / ISO18000-6C
Antenna	circular polarization (4dBi)
Power	1W (30dBm, +5dBm to +30dBm adjustable)
R/W range	> 10m (open outdoors); > 20m (indoors)
Reading rate	> 200 tags/s
NFC (Standard) /HF (Reserved)	
Frequency	13.56MHz
Fingerprint (Optional)	
Option 1	
Sensor	TCS1/TCS2 Capacitive
Sensing Area (mm)	12.8*18; 10.4*14.4
Resolution (dpi)	508 dpi, 8-bit greylevel
Certifications	FIPS 201, STQC
Format Extraction	ISO 19794, WSQ, ANSI 378, JPEG2000
Fake Finger Detection	Support by SDK
Security	AES, DES key encryption of the host communication channel
Option 2	
Sensor	Optical Morpho CBM-E3
Sensing Area (mm)	14*22
Resolution (dpi)	500 dpi, 256 greylevel
Certifications	FIPS PIV IQS / ISO 19794-4, MINEX & FIPS 201 complaint,STQC
Format Extraction	ISO 19794-2/4, WSQ, ANSI 378, etc.
Fake Finger Detection	Latex, Gelatin, Plasticine, Kapton, Transparent Film, Silicone, Rubber, Play-doh, Graphite Or Paper
Security	FIPS 140-2 level 2, multiple security methods available, including image and templates encryption, template signature, secure tunneling, etc.
InfraRed (Reserved)	
Wavelength	940nm
Frequency	38kHz
Range	> 4m
Protocol	DLT_645-2007, DLT_645-1997
Front Iris (Reserved)	
Rate	<150ms
Range	20-40cm
FAR	1/10000000
Protocol	ISO/IEC 19794-6, GB/T 20979-2007
PSAM (Reserved)	
Card slot	1 PSAM card slot
Protocol	ISO7816