

DATA SHEET



AGX CW80 Smart RFID LF/HF/UHF Tablet PC

Product Description

Main Features

User friendly design for industrial work environment
 Ergonomics design for high work performance
 CPU 1.8GHz Octa-core / Qualcomm 2.0GHz Octa-core
 Multiple wireless options Wifi, 4G and BT 4.0
 8.0" IPS LTPS 1920x1200 touch panel
 Weight 699g (incl. 8.000mAh battery)

Integrated 1D or 2D scanner for maximum barcode reading
 13.0 MPixel auto focus camera with flashlight (optional)
 A-GPS receiver with integrated antenna (optional)
 IP65
 RFID (LF*) HF/NFC or UHF optional
 Android 7.1

Product pictures



AGX-CW80 with 3 Fingerprint Options & Keypad

Article no:	Standard	AGX CW80
Typical Applications	<ul style="list-style-type: none"> •Health Care •Asset management •Food •Transportation 	<ul style="list-style-type: none"> •Service Maintenance & Diagnostics •Automotive •Retail & POS •Home Automation

Contact:

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 www.agilox.com

Technical Specifications	AGX CW80 RFID
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Platform	
CPU Option 1	Qualcomm 1.8GHz Octa-core RAM+ROM: 2GB+16GB
Operating System	Android 7.1
Expansion	Supports up to 128 GB Micro SD card
Physical Characteristics	
Dimensions	250.8mm x 152mm x 15mm/ 9.87 x 5.98 x 0.59in (for standard version)
Weight	699g/24.7oz(for standard version)
Touch Panel	Corning Gorilla Glass, multi-touch panel, gloves and wet hands supported
Display	8" IPS LTPS 1920x1200 touch
Power	Li-ion, rechargeable, 8.000mAh
Scanning & Options	
Barcode reader (optional)	Zebra SE4710 (standard), Zebra SE4850 (optional)
Camera (optional)	13.0M pixel auto focus camera with LED flash, 8.0M front camera
Communications	USB Micro-B
RFID (LF) (optional) ready July 2019	125kHz, 134kHz (FDX-B / HDX), ISO11784/5, ISO18000-2 Reading Range 0 - 8cm
RFID (HF) / NFC (optional)	13.56MHz : ISO14443A/B, ISO15693 Reading Range 0 - 8cm
RFID (UHF) Gun (optional)	865 - 955MHz : ISO 18000-6C, EPC Class1 Gen2 Reading Range 0 - 10m
Wireless	
WLAN	IEEE802.11 a/b/g/n/ac, 2.4G/5G dual-band, internal antenna
WPAN	Bluetooth 4.2/4.1+HS/4.0/3.0+HS/2.1+DER
WWAN (optional)	2G, 3G or 4G with Internal Antenna
GPS (optional)	GPS/AGPS, GLONASS, BeiDou, internal antenna
Options	
IRIS (optional)	Rate: <150ms Range: 20 - 40cm FAR: 1/10000000 Protocol: ISO/IEC 19794-6, GB/T 20979-2007
Fingerprint	TCS1 Capacitive, TCS2 Capacitive, Optical Fingerprint
PSAM	2 PSAM card slot, ISO7816
InfraRed	940nm, 38kHz, DLT_645-2007, DLT_645-1997
Accessories	
Others	Wristband Gun Grip USB Cable Adaptor, Screen protector, etc.
Environment	
Operating Temperature	-4oF to 122oF / -20oC to 50oC
Storage Temperature	-40oF to 158oF / -40oC to 70oC
Humidity	5% - 95% non-condensing
Drop	Multiple 1.5m/4.9ft drops to the concrete
Rain & Dust protection	Host IP65 per IEC sealing specifications
Approvals	CE, RoHS, KTL Drop Test 1.5m



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Technical Specifications	AGX CW80 Accessories
 <p data-bbox="555 1010 730 1048">Pistol Grip</p>	

AGX CW80 Options and Accessories		
 <p data-bbox="288 1429 395 1451">AC Adapter</p>  <p data-bbox="288 1753 395 1776">Wristband</p>	 <p data-bbox="715 1731 842 1753">Power supply</p>	 <p data-bbox="1114 1447 1305 1469">USB charging cable</p>
Article no:	further options	on demand