

DATA SHEET



AGX TPA-One Smart RFID Tablet PC (LF / HF / UHF) Android 4.4

Product Description

Main Features

User friendly design for industrial work environment
Ergonomics design for high work performance
Powerfull MSM8916, Cortex A53, Quad core CPU, 1.2GHz
Multiple wireless options Wifi, GSM/GPRS and BT
7" Touch 1280x800 IPS Display capacitive touch
Weight 590g

Integrated 1D or 2D scanner optional
2.0/8.0 MPixel auto focus camera with flashlight (optional)
GPS receiver with integrated antenna (optional)
Power Pack 7.000mAh battery
RFID LF 125-134,2kHz, 13,56MHz and UHF 850-960MHz Android 4.4 OS

Product pictures



Article no:		AGX TPA-One
Typical Applications	<ul style="list-style-type: none"> •Manufacturing •Security •Waste management •Logistics 	<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

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Technical Specifications		AGX TPA-One
Platform		
CPU	MSM8916, Cortex A53, Quad core CPU, 1.2GHz	
Operating System	Android 4.4 operating system	
Performance Characteristics		
Memory	RAM: 2G, ROM: 16G	
Extended memory	MicroSD, Maximum 32G	
Expansion Slot	5 pin MicroUSB; support OTG (U-disk/Mouse/Keyboard/USB Ethernet cable)	
Physical Characteristics		
Dimensions	209mm*139mm*19mm	
Weight	Standard 590g (incl. 7.000mAh battery)	
Display	7 inch LCD screen, 1280x800 IPS screen, capacitive touch screen	
Standard battery	Std: Lithium Ion 3.7V, 7000mAh	
Scanning & Communications		
Barcode reader (optional)	1D Laser Scanner or 2D Imager (optional)	
Camera backside (optional)	8.0M pixel auto focus camera with LED flash	
Camera frontside	2.0M pixel	
Communications	5 pin MicroUSB; support OTG (U-disk/Mouse/Keyboard/USB Ethernet cable)	
RFID (LF)	134kHz FDX/HDX ISO11784/11785 ; 125kHz standard tags	
RFID (HF) & NFC	13.56MHz : Support ISO/IEC 15693, ISO/IEC 14443A profile Support Cards: SR176, SR1X4K (TYPE-B), I-Code2, TI RFID label-it HF-I, EM4034, Mifare Classic ETC	
RFID (UHF)	850-960MHz : EPC C1 GEN2/ISO 18000-6C /ISO18000-6B Output power: 10dBm-30dBm	
Special functions		
Fingerprint Identification	Supports fingerprint entry, image collection, fingerprint recognition, fingerprint deletion etc. Type: TCSIST semiconductor sensor Acquisition window size: 24.5*19mm Effective image size:15.5*18.5mm Sensor type: capacitive Image size: 256*360 Resolution: 500 DPI Matching mode: contrast mode(1:1); search mode(1:N)	
Wireless		
WLAN (optional)	IEEE 802.11b/g/n	
WPAN (optional)	Bluetooth version 4.0	
WWAN 4G (optional)	2G:GSM 900/1800/1900 B2/B3/B8 3G:WCDMA: 850/1900/2100 B1/B2/B5 4G:LTE_ FDD: 1800/2100/2600 B1/B3/B7 LTE_ TDD :2555-2655MHz/:2300-2400MHz B41/B40	
GPS (built in)	Support GPS, DBS, GLONASS and professional GPS,Ublox; GPS and Beidou (alternative)	
Options & Sensors		
LED indicator light	Supported	
Flashlight Function	Supported	
Googleplay store	Supported	
Gravity sensor	Supported	
Compass	Supported	
Vibrating motor	Supported	
FM	Supported	
Environment		
Operating Temperature	-20°C to 50°C	
Storage Temperature	-40°C to 60°C	
Humidity	5% - 95% non-condensing	
Drop	Drop test from 1.2m to concrete	
Rain & Dust protection	IP67	
Approvals	CE/RoHS/FCC	

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