

Android 7.1 Handheld Computer



Hand-Held Android Computer

The Sumo ST455 Enterprise-class mobile computer is an Android 7.1, 5.5 inch Full HD display featuring a capacitive touch screen, 1D / 2D / RFID codes utilising advanced scanning and smart imaging technology that can read codes even if damaged, polluted, showed on a screen or poor quality.

The Qualcomm flagship version 64 Eight Core Processor provides outstanding performance and low power consumption, together with Qualcomm's Wi-Fi chip supporting dual-band (2.4GHz and 5GHz), making a Wi-Fi connection more efficient and stable.

Features

- ▶ 5.5" FHD IPS Screen
- ▶ Qualcomm snapdragon Octa-core 64 bit CPU
- ▶ 4G, Dual-band Wi-Fi
- ▶ Barcode/RFID
- ▶ NFC/UHF/Fingerprint
- ▶ 4200mAh High Voltage Battery
- ▶ Android 7.1 Operating System
- ▶ 2GB+16GB Mass Storage

Optional Accessories

- ▶ Triple desktop charger
- ▶ Triple adaptor
- ▶ Spare battery

Mobile Computing Solution

Physical Characteristics	
Size	160×76 ×12.9 mm
Weight	8.3 ounce/235gram (including HD battery)
Display	5.5 inch, IPS screen Resolution: 1920 X 1080. LED Backlight
Touch panel	Industrial-level capacitive touch screen wet hand and glove-based input
Battery	li-polymer, 4100mAh Uptime: 8 hours Standby time: 280 hours
Card slots	1 SIM card slot, 2 PSAM card slots 1 Micro SD (Maximum 32G) card slot
Communication interface	Micro USB 2.0, OTG
Network connectivity	4G, Wi-Fi, GPRS, Bluetooth, GPS
Notifications	Warning tone, Multi-color LED, Vibration
Keyboard	On-screen keyboard and Enterprise keyboard
Audio	Microphone, Loudspeaker, Receiver
Buttons	On-screen Keyboard+3 Virtual Keys: Back, Home and Menu
Power Adaptor	Input: 100-240V, 50/60HZ 300mA Output: 5V, 2A
System	
CPU	ARM Cortex-A53 Qualcomm Snapdragon's processor Quad-core, 2.0GHz
Operating System	Android 7.1
Memory	Standard: 2GB RAM/16GB ROM Optional: 3GB RAM/32GB ROM
Environmental	
Operating Temp	-4°F ~ 122°F(-20°C ~ 50°C)
Storage Temp	-10°C ~ 60°C (-14°F ~ 140°F)
Operating Humidity	5%~85% Relative Humidity, Non-condensing
Drop	Within operating temperature range, it can withstand several drops from 2.6ft/0.8M onto concrete ground
Roll	It can withstand 500 times of 1.6 feet/0.5 m rolls; Exceeding IEC roll standard
Vibration	4g SPK Sine (5Hz至2KHz); 0.04g2/Hz randomness (20 Hz to 2KHz) 60 minutes per axle, 3 axles
Thermal Shock	-40°F to 140°F/-20°C to 60°C fast-transmitting
Electrostatic protection	+/- 10kv air discharge; +/-8kv contact electricity
Ingress protection	IP54
Communication	
WWAN	GSM/GPRS/WCDMA/CDMA/ TD-SCDMA/TDD-LTE/FDD-LTE
Wi-Fi	IEEE 802.11a/b/g/n/ac; 2.4GHz & 5GHz
GPS	GPS + BDS

Bluetooth	Bluetooth 4.2
2D Scanner	Zebra SE4710
Camera	Rear camera: 8 MP (13MP compatible), auto-focusing, supporting LED lighting and flashlight .
NFC	Operating frequency: 13.56MHz Support protocol: Mifare Classic (MF1), NDEF, NfcV(15693), Ultralight (MF0), IsoDep (standard CPU MF3). IsoDep (CPU). Reading distance: 0-5cm (depending on the label and antenna)
RFID	Operating frequency: 840-960Mhz Support protocol: ISO18000-6C/EPC C1G2 Reading distance: 1.1m (depending on the label and antenna)
Security PSAM	Supporting ISO7816 standard, Supporting 2 PSAM Cards
Sensors	Light sensor, distance sensor, gravity acceleration sensor, geomagnetic transmission sensor, hall sensor (optional)
Accessories	
Accessories	charger/USB cable/ battery/lanyard
Optional	Triple desktop charger/ triple adaptor/ spare battery



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For more information, including pricing, availability and detailed features please look at our web site at www.sumotech.com or email sales@sumotech.com

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