

Technical specifications

J-COM

Model	ST55
CPU	Quad-core 2.0GHz
OS	Android 8.1
RAM	2GB
ROM	16GB
Camera	Rear camera 13MP AF (16MP AF option); High brightness LED flash, Front Camera 5MP
Display size/type	5.5 inch, IPS highlight screen
Resolution	720*1440
Touch Screen	5-point capacitive touch screen
Size	150mm*72.5mm*16.5mm
Weight(with battery)	290g
Battery capacity	5800mAh
Charging	PE fast charging, full charged time < 4 hours
Bluetooth	BT4.1 BLE
Wi-Fi	IEEE 802.11 a/b/g/n 2.4G 5G dual frequency
WWLAN	FDD-LTE B1/B3/B7 TDD-LTE B38/B39/B40/B41 TDSCDMA B34/B39 WCDMA B1/B2/B5/B8 GSM B2/B3/B5/B8 CDMA1x/CDMA2000 BC0
GPS positioning module	GPS+BD+GLONASS
Audio	Front dual stereo speakers, Volume 90db±3db(test distance 10cm)
Sensor	Gsensor, Ambient light sensor, Proximity Sensor, COMPASS
Expansion	Micro SD(TF) card slot up to 128GB
Interface	USB-Type C, support fast charging, OTG USB typec headphones are supported charging and bottom USB connector; support cradle extension
Keypad	2 volume buttons, 2 function buttons(1 left and 1 right), 1 power button
Notification	Sound, Vbration, LED prompt
Operating temperature	-20°C to +55°C
Storage temperature	-30°C to +70°C
Working Humidity	5% to 95%
IP Class	IP65
Drop test	6 sides multiple drop from the height of 1.5 meters to the concrete floor
ESD	±15kV Air Discharge, ±8kV Contact Discharge
Certificate	CCC、 CE
PSAM card (smart encryption card)	optional
HF RFID	Protocol: ISO14443A/B, ISO15693, NFC reading distance: 0~5cm Protocol standard: iso18000-6C protocol
UHF RFID	Working frequency: China (920-925MHz, 840-845MHz) North America (902-928MHz) European frequency (865-867MHz) Antenna parameters: ceramic antenna (1.5dBi) Power: working voltage 3.6-5V, RF output 5dBm to 30dBm(1W), 1dbm adjustable; Standby power consumption: about 0.25W, maximum 4W(typical 3.5W) Identification range: indoor >5m, outdoor open environment >3m Group read rate: >30 tags per second
Barcode scanning Support code system	CM60 Support code system: EAN13, EAN8, UPCA, UPCE, Code 128, Code 39, Codabar, UCC/EAN128, RSS, ITF, ITF14, ITF6, ISSN, ISBN, Standard 25, Matrix 25, Industrial 25, Plessey, MSI Plessey, Code 11, Code 93, PDF417, QR Code, DataMatrix, AZTEC, Hanxin Code, Maxicode, Micro QR, Micro PDF417, Composite