

iData K1 Mobile Computer



System Configuration

CPU	High-performance octa-core 2.2 GHz processor
Operating System	Android 8.1
Memory	16 GB ROM+2 GB RAM (64GB ROM + 4GB RAM compatible)
Expansion Slot	Micro SD card, up to 64 GB
Display	4 inch, 800*480 IPS
Touch Panel	Industrial-grade capacitive panel (supporting operation with gloves)
Camera (optional)	1300 MXP autofocus camera in the back side, autofocus lens, LED flash, supporting PDAF, Highlight flash
Exit Window	Corning glass
Keypad	26 durable industrial keypads with interior transmission light
Battery	3.8 V 4400 mAh rechargeable lithium polymer battery, QC3.0 quick charging
Audio	Built-in microphone
Notification	Scanning prompt LED/Charging prompt LED/ Vibrator alerts
Vibration Motor	Built-in programmable vibration motor

Structural Parameters

Dimensions (LxWxD)	168x71x26mm
Weight	270g (battery included)

Communication Transmission

Wireless Voice Communication	2G: GSM/GPRS: 850/900/1800/1900 MHz 3G: WCDMA: B1/B2/B5/B8, EVDO 800 MHz, TD-SCDMA: B34/39 4G: UMTS / HSPA+ Primary bands 1/8. LTE Bands 1/3/5/7/8/20/38/39/40/41
Wireless WAN	China: GPRS/EDGE/ HSPA+/ EVDO /TDD-LTE / FDD-LTE North American: UMTS/HSPA+ Primary bands 2/4/5. CDMA BC1 GSM 850/1900 FDD LTE Bands 2/4/5/12/13/17/25/26 TDD LTE Bands 41 Europe: UMTS / HSPA+ Primary bands 1/8.
Wireless LAN	Wi-Fi 802.11a/b/g/n/r/ac (Dual-band Wi-Fi: 2.4G+5G)
Bluetooth	Bluetooth 4.1 LE
GPS	GPS/AGPS/Glonass/Beidou Target SNR≥39dB (Signal level -130dBm)

Operating Environment

Development Tools	Android SDK+ JDK+Eclipse
Programming Language	Java
Operating Temp.	-10°C ~ 50°C (14°F ~ 122°F)
Storage Temp.	-20°C ~ 60°C (-4°F ~ 140°F)
Relative Humidity	0 ~ 95% (non-condensing)
Drop Specification	1.5-meter drops to concrete ground
Sealing	IP65
Electrostatic Discharge	Conforms to ±15 kV air discharge, ±8 kV direct discharge

1D Laser Scanner

Optical Resolution	≥ 4 mil
Scan Depth of Field	3.81 cm - 60.98 cm
Scan Angle	47°± 3°(Standard)
Scan Speed	102±12 scans/sec. (Bidirectional)

1D / 2D Area Imager

Optical Resolution	≥ 3 mil
Scan Angle	Omnidirectional
Scan Speed	300 scans/sec.

NFC

Frequency	13.56 MHz
Reading Distance	Within 30 mm
Protocol	ISO14443A/14443B/15693

Input/output Ports

USB Port	1 (QC3.0 quick charging), 2pin Charger Port
Charger Port	Type-C headphone/Type-C USB 3.0
OTG	Support

Accessories

Standard	Battery, Wrist strap
Optional	1-slot charging stand, USB cable, Bottom charging cable, Power adapter, 4-slot battery charger



IDATA GLOBAL

Commercial HQ: Rm. 502, Sci.&Tech. Park Building, No.6, Keyuan Road,
Science and Technology Park, Shenzhen City, China

E-mail: sales@idataglobal.com

Website: www.idataglobal.com