

Technical Specifications



System Configuration		Input/Output Ports	
CPU	1 GHz high-performance ARM Cortex-A8 processor	USB Port	1 (Micro USB port)
Operating System	Android 4.0	Charger Port	1 (DC port)
Memory	4 GB ROM + 512 MB RAM	RS232 Port	1
Expansion Slot	Mini SD card, up to 32 GB		
Display		1D Laser Scanner	
Display	3.5-inch HVGA (320 x 480), high brightness TFT LCD, LED backlight, KEITHLEY display (440 x 380) optional	Optical Resolution	>4 mil
Display Material	Toughened glass	Scan Depth of Field	3.0'cm - 98.0'cm
Touch Panel	Capacitive touch panel	Scan Angle	47° x 31° (Standard)
Camera (Optional)	5 Mega pixel, autofocus lens, LED flash	Scan Speed	100 x 10 scans/sec. (Bidirectional)
Exit Window	Corning® Gorilla® glass		
Keypad	31-key durable industrial keypad with Intra transmission light	1D Linear Imager	
Battery	3.7 V 4800 mAh rechargeable lithium polymer battery (8000 mAh battery optional)	Reading Mode	CCD
Battery Life	12 hours (full-load)	Reading Accuracy	>4 mil
Audio	Built-in microphone	Decoding Speed	300 lines/sec. (Max.)
Notification	Vibrator alerts/LED/audio notification		
Vibration Motor	Built-in programmable vibration motor	2D Area Imager	
Operating Environment		Optical Resolution	>3 mil
Development Tools	Android SDK + JDK/Eclipse	Scan Angle	Omnidirectional
Programming Language	Java, C	Scan Speed	300 scans/sec.
Management Tools	iData Service		
Operating Temp.	-10°C to 50°C	Infrared Communication Module	
Storage Temp.	-20°C to 60°C	Built-in Infrared Communication Module	Structure with two emitting tubes, meter reading distance of up to 5 meters, fully supporting DL/T645 protocol and communication protocols of worldwide mainstream meter manufacturers
Relative Humidity	0 to 95% (non-condensing)	Interface	Initial rate: 1200 bps, suggested rates: 1200, 2400, 4800, and 9600 bps
Drop Specification	1.5-meter drops to concrete ground (19 drops each side)		
Sunlight Specification	800 0.8-in. luxuries (1000 lux)	RFID	
Sealing	IP68	Frequency	13.56 MHz
Electrostatic Discharge	Conforms to ±15 kV air discharge, 48 kV direct discharge	Reading Distance	Within 50 mm
Communication Transmission		Protocol	ISO14443A/14443B/15693
Wireless Voice Communication	2G: GSM 850/900/1800 1875 3G: WCDMA 900/1900 MHz	Structural Parameters	
Wireless WAN	GPS/GSM/WCDMA	Dimensions (LxWxD)	152 mm x 88 mm x 24 mm
Wireless LAN	Wi-Fi 802.11n/g	Weight	255 g (standard battery included)
Bluetooth	Bluetooth 2.0 + EDR		
GPS (Optional)	High performance GPS navigation chip		

Standard accessories



Battery

Power adapter

USB cable/
Charging cable

Hand strap

Optional accessories



1-slot charging & sync station

4-slot battery charger



MC-5395

The New Mobile Computer



CODE SOFT

MC-5395

High Performance High Reliability

Applicable industries



 **reddot** Design directed by
a reddot design award winner

Main Functions

- Supporting Android 4.0 operating system
- Supporting 3G(WCDMA), EDGE, GPRS, GSM, Wi-Fi, Bluetooth and other wireless communication modes
- Supporting 1D/2D barcode scanning or image scanning
- Equipped with a 13.56 MHz HF RFID read/write module for RFID tag reading
- Equipped with an IR communication module for data collection
- Supporting close-range data transmission via Bluetooth 2.0
- Equipped with a built-in autofocus 5 Mega pixel camera for photographing and video recording



Five strengths



Advanced configuration

Android 4.0 OS for more compatibility and higher running speed

Brand new UI design offering better user experience

High performance 1 GHz ARM Cortex-A8 processor providing higher running speed

4 GB ROM and 512 MB RAM memory configuration for super large memory capacity

1



Large screen display

Equipped with a 3.5-inch HVGA (320 x 480 pixels) display screen to provide smoother user experience

Optional 3.5-inch RETINA display screen with higher resolution (840 x 960 pixels)

Capacitive touch screen offering higher sensitivity and better user experience

2



Powerful data collection

Equipped with advanced scanning engines to read not only 1D/2D barcodes normally printed on traditional media, stained, or covered with plastic film but also barcodes displayed on mobile phones and computer screens.

Exit window made of Corning® Gorilla® glass for a better scratch-resistance, a higher light transmittance, and more quick and accurate scanning

Equipped with built-in RFID read/write modules to quickly and accurately read RFID tags in batches

3



Multiple wireless communication modes

Supporting multiple wireless communication modes such as WCDMA, EDGE, GPRS and GSM in a wide area network (WAN)

Supporting Wi-Fi transmission in a local area network (LAN)

Supporting Bluetooth 2.0 close-range data transmission

Integrating a high performance GPS navigation chip to provide more accurate positioning

4



Rugged and reliable mobile computer

Meeting IP65 sealing standard for superior dustproof and waterproof performance

Meeting the 1.5-meter drop specification and the 0.5-meter tumble specification (500 tumbles)

Shell molded at one step using PC engineering plastics of General Electric Company

Keys designed with the IMD film printing technology for scratch-resistance and a longer service life

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Authorized Distributor

CDG

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