

C4050 Q4

4G Lite Handheld Data Terminal

C4050 presents you with more innovative options for compact handheld devices. For the first time there is physical keypad on Android devices, for the first time it comes with 4G cellular.

The IP64 water/dust proof, 1.2m/ 3.9ft drop survival, shock-resistance rubber seals are all equipped to ensure durability.

THE QUAD-core processor up to 1.3GHz, 1GB RAM and up to 32GB expansion are all designed to boost up capacity again.



4G Lite to ultra_fast connectivity

Keep operators always connected outdoor and indoor with latest 4G/3G/2G cellular network and 802.11 a/b/g/n WiFi with smoothing AP roaming.

Quad core processor is now ON

C4050 is running on a quad-core 1.3GHz ultra-fast processor or Qualcomm SoC. Your business speed is UP again.

Data collection to higher flexibility

Data collection to higher flexibility C4050 Q4 comes with NFC or HF RFID, which suits your business even closer.

Dual-battery System

Installed main battery and pistol battery provides 3200mAh plus 5200mAh lager capacity, supporting more than doubled power to work out.

Rugged design to more durable body

C4050 Q4 is rugged under IP64, tumble; Meanwhile the USB data and DC charging interfaces are now on snap-on or cradle, creating a new easy-of-use and durable experience.

Instant Support

Live support, Tel support, Email support, On-site support, etc. We are always with you.

PARAMETER PAGE

PHYSICAL CHARACTERISTICS

Dimension	Main unit 176 x 76 x 29 mm/ 6.93 x 2.99 x 1.14 in. (L x W x H)
Weight	Main unit 319g(11.25oz.) (Includes scanners, and main battery)
Display	4 in. TFT-LCD touch screen with backlight, 16.7M colours, 480 W x 800L (WVGA)
Power	Input 5V/2A Removable main battery Li-on 3.7V/3200mAh Removable pistol battery Li-on 3.7V/5200mAh (optional)
Expansion	1 Micro SD(TF) , 1 PSAM, 1 SIM/PSAM
Interface	USB Micro-B
Audio	0.5Watt speaker, receiver, build-in microphone
Keypad	TP keys, 3 side buttons, Qwerty or Numeric keypad

PERFORMANCE

CPU	Qualcomm Snapdragon™ quad-core 1GHz
RAM	1 GB
Storage	Build-in 8GB, supports 32GB Micro SD(TF) expansion

PROGRAMMING

OS	Android OS 5.1
SDK	Chainway Software Development Kit
Language	Java
Tool	Eclipse (recommended)

USER ENVIRONMENT

Operating Temp.	-10 to 50°C / 14 to 122°F
Storage Temp.	-40 to 70°C / -40 to 158°F
Humidity	5% RH-95% RH (noncondensing)
Drop	Main unit: 1.2m / 3.9ft Multiple drop, 6 sides (concrete floor under operating temp.)
Tumble	1,000 times, 0.5 m / 1.6ft, 6 contact surfaces
Sealing	IP64, IEC compliance
ESD	8KV air discharge, 4KV conductive discharge

BIOMETRIC FINGERPRINT (OPTIONAL)

Function	Enrollment, compare, deletion etc.
Sensor	TCS2SS
Sensor type	capacitive, area sensor
Resolution	508DPI
Memory	1,000 pcs templates

DATA COMMUNICATION

WLAN	Protocol IEEE802.11 a/b/g/n, build-in antenna
WWAN&VOICE	Capable of 2G network GSM Band 1, 2, 3, 8; CDMA1x Capable of 3G network WCDMA: Band 1 EVDO: EVDO Rev.A 800MHz TD-SCDMA: Band34,39 Capable of 4G network TDD-LTE: Band38, 39, 40, 41 FDD-LTE: Band1, 3 Capable of voice call
WPAN	Bluetooth 4.0 (Capable of BLE)
GPS	Integrated GPS, AGPS, build-in antenna

RFID SYSTEMS (OPTIONAL)

High frequency	
Frequency	13.56MHz
Protocol	ISO14443A/B, ISO15693
Chips	1) M1(S50/S70), M0(Ultralight), M3(Desfire D40/D41/D81), CPU_A 2) CPU_B 3) ICODE II, Ti2048, LRI64K 4) Others for customization
R/W	range up to 8cm / 3.15in.

NFC

Frequency	13.56MHz
Protocol	ISO/IEC 18092 (ECMA 340)

BARCODE SCANNERS (OPTIONAL)

1D OR 2D Imager	options (Symbol SE955 / SE4500 /SE4750)
The 1D engine scans	major 1D symbologies ,
The 2D Imager scans	major 1D and the following 2D symbologies: PDF417, MicroPDF417, Composite, RSS, TLC-39, Datamatrix, QR code, Micro QR code, Aztec, MaxiCode; Postal Codes: US PostNet, US Planet, UK Postal, Australian Postal, Japan Postal, Dutch Postal (KIX), etc.

OTHER MODULES

CAMERA (OPTIONAL)	8.0 mega pixels camera, auto focus, with LED flash
PSAM SECURITY (OPTIONAL)	ISO7816 protocol, 1 slot

ACCESSORIES

Standard



AC adapter



Snap-on



USB cable

Optional



Cradle



Pistol grip



Fingerprint snap-on