CONKER.

RUGGED TABLET

Fully Protected, Powerful, and Reliable Rugged Device

IP67 **DROP TESTED** **9 HOURS**

2D **GMS CERTIFIED**

Conker SX50

With integrated 2D barcode scanning, an IP67 rating and optional pistol grip, the SX50 is ideal for data capture amongst a variety of industries, from Manufacturing to Retail and Wholesale & Distribution to Hospitality. Conker's SX50 rugged barcode scanner works as hard as your mobile workforce.

android

- 2.3 GHz Octa-core CPU
- Android 12
- 5.0 inch IPS LCD
- 5-point capacitive touch screen, Gorilla Glass 3
- 6GB RAM, 128GB SSD Storage
- Rear 13.0 MP Auto Focus with LED flash
- Zebra SE4710 2D Barcode Imager

Detailed Device Specification

CPU	Mediatek Helio P35 (MT6765) 2.3GHz Octa-core CPU
OS	Android 12
Display	5.0 inch IPS LCD, Resolution 720*1280, Aspect 16:9
Touch	5-point capacitive touch. Gorilla Glass 3, Hardness 7H.
RAM	6 GB
Storage	128 GB
Camera	Rear 13.0 MP Auto Focus with LED flash
Battery	4,000mAh, 3.7V Running time (playing video at 50% brightness): 9 hours 10 mins Running time (playing video at 100% brightness): 6 hours 30 mins Time to fully charge from flat: 4 hours 10 mins 50% charge time: 1 hour 45 mins 1 hour charge from flat: 30%
User swappable	Yes
Charging	5V/2A, Type-C
Wi-Fi	WIFI 802.11(a/b/g/n/ac) Frequency:2.4G+5.8G Dual band
Bluetooth	5.0
Cellular	4G LTE Cat. 7: FDD B1/B2/B3/B4/B5/B7/B8/B12/B13/B17/B18/B19/B20/ B25/B26/B28A/B28B, TDD: B34/B38/B39/B40/B41 3G: B34/B39
SIM slot	Dual 4G Micro SIM (15x12mm).
GPS	GPS, GLONASS, Beido, Galileo, QZSS
2D Barcode Scanner	2D Barcode Scanner: Zebra SE4710 Sensor Resolution: 1280 x 800 pixels Field of View: Horizontal 42°, Vertical 28° Scan Angles: Pitch/Skew +/-60° Scanning ranges: 5 mil Code 39: 51-343mm 10 mil Data Matrix: 74-257mm Shock Rating: Shock Rating: 2000 G
NFC	NXP557 13.56 MHz
Sensors	3D accelerometer, E-compass, Proximity sensor, Light sensor
Security	Fingerprint sensor (front)
Memory card	micro SD, max 512GB
Physical Ports	1* USB-C (support OTG and DC input) 1* Standard 3.5mm headphone 2 pin docking connector (support DC-input)
Physical Buttons	Left edge: Barcode trigger, Volume +, Volume - Front (hard buttons): 2x programmable function buttons, home button Front (capacitive buttons): Recent, Home, Back Right edge: Barcode trigger, Power
Ingress Protection	IP67; Dust-tight, immersion 1 metre or more
Drop test	1.2 metres
Operating temperature	-20°C to 60°C
Storage temperature	-30°C to 70°C
Humidity	95% Non-Condensing
Dimensions	165 * 76 * 15.6mm
Weight	250g
Certification	CE / ROHS / IP67 / MSDS / GMS
Included Accessories	DC charger Type-C USB cable 2-point Wrist strap Lanyard

Optional Accessories

Desk dock	DC-input (barrel) + USB type-C (alternative DC input method). Include USB to barrel cable. Charges 1x SX50 + 1x spare battery
Multi dock	4-in-1 desk dock
Pistol Grip	Pistol grip for 1x SX50 with "gun trigger" barcode button.
Vehicle Mount	Slide in vehicle mount with arm assembly and fixture plate

Hassle Free
RUGGED MOBILITY

Founded in 2008, Conker are a British supplier of reliable rugged technology. Our 3 year device failure rate is well below industry average at 1.5% and we offer an industry leading no-quibble accidental damage warranty. All Conker products are supplied from the UK, repaired in the UK and always supported by our responsive UK support team.

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Our ageing hardware was performing poorly resulting in lost or misdirected inventory, delays in order fulfilment, and reduced productivity.

Conker showed a deep understanding of our specific requirements. The evaluation process was smooth and straightforward, with excellent communication from the Conker team throughout.

"

John, IT Manager
Community Foods

★ ★ ★ ★ ★

Batteries
POWER FOR THE JOB

We know how important battery life is and how sceptical you may be about battery life claims. That's why we test our batteries with the screen on and WiFi active while playing back HD video. It's really boring but it means the battery running time data on this page is reliable. We also share the recharge time. And the warranty small print about batteries being excluded? We took that line out. You can trust Conker that our batteries last as long as our tablets do.

Conker Relax

INDUSTRY LEADING WARRANTY

Conker's 3 year Relax warranty offers accidental damage as standard with free repairs and replacements. Simple terms, no silly exclusions. Conker's no-quibble first rate service.

CONKER SX50
Rugged Tablet

Android

IP67

GPS

High capacity

Fingerprint

NFC

WiFi

Bluetooth

3G/4G

2D

What's in the box?

SX50 Tablet

Hand Strap

Charger & USB-C cable

Lanyard

Optional Accessories

Desk dock

Pistol Grip

Vehicle Mount

Multi Dock