

# RUGGED TABLET

Fully Protected, Powerful,  
and Reliable Rugged Device



## 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.



- 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

<b>CPU</b>	Mediatek Helio P35 (MT6765) 2.3GHz Octa-core CPU
<b>OS</b>	Android 12
<b>Display</b>	5.0 inch IPS LCD, Resolution 720*1280, Aspect 16:9
<b>Touch</b>	5-point capacitive touch. Gorilla Glass 3, Hardness 7H.
<b>RAM</b>	6 GB
<b>Storage</b>	128 GB
<b>Camera</b>	Rear 13.0 MP Auto Focus with LED flash
<b>Battery</b>	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%
<b>User swappable</b>	Yes
<b>Charging</b>	5V/2A, Type-C
<b>Wi-Fi</b>	WIFI 802.11(a/b/g/n/ac) Frequency:2.4G+5.8G Dual band
<b>Bluetooth</b>	5.0
<b>Cellular</b>	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
<b>SIM slot</b>	Dual 4G Micro SIM (15x12mm).
<b>GPS</b>	GPS, GLONASS, Beidou, Galileo, QZSS
<b>2D Barcode Scanner</b>	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
<b>NFC</b>	NXP557 13.56 MHz
<b>Sensors</b>	3D accelerometer, E-compass, Proximity sensor, Light sensor
<b>Security</b>	Fingerprint sensor (front)
<b>Memory card</b>	micro SD, max 512GB
<b>Physical Ports</b>	1* USB-C (support OTG and DC input) 1* Standard 3.5mm headphone 2 pin docking connector (support DC-input)
<b>Physical Buttons</b>	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
<b>Ingress Protection</b>	IP67; Dust-tight, immersion 1 metre or more
<b>Drop test</b>	1.2 metres
<b>Operating temperature</b>	-20°C to 60°C
<b>Storage temperature</b>	-30°C to 70°C
<b>Humidity</b>	95% Non-Condensing
<b>Dimensions</b>	165 * 76 * 15.6mm
<b>Weight</b>	250g
<b>Certification</b>	CE / ROHS / IP67 / MSDS / GMS
<b>Included Accessories</b>	DC charger Type-C USB cable 2-point Wrist strap Lanyard

## Optional Accessories

<b>Desk dock</b>	DC-input (barrel) + USB type-C (alternative DC input method). Include USB to barrel cable. Charges 1x SX50 + 1x spare battery
<b>Multi dock</b>	4-in-1 desk dock
<b>Pistol Grip</b>	Pistol grip for 1x SX50 with "gun trigger" barcode button.
<b>Vehicle Mount</b>	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.

“ 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 SX50.2D Rugged Tablet



-  Android
-  IP67
-  GPS
-  High capacity
-  Fingerprint
-  NFC
-  WiFi
-  Bluetooth
-  4G  
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





## Hassle Free Rugged Mobility by Conker

The only thing tougher than our devices is our warranty

### Total Cost of Ownership is typically 3X the upfront hardware and deployment costs

VDC research state that post-deployment costs as a percent of overall Total Cost of Ownership are 70% for rugged handheld devices. These so-called “soft-costs” are made up of IT support costs and **productivity loss costs due to down-time**. Although the failure rate for rugged devices is lower than non-rugged, their high repair costs compounded by slow repair times

cause a productivity, administrative and financial drain (30% of customers say they have experienced repair times in excess of **1 month** with other hardware suppliers).

### Conker's Pioneering 3 year Relax warranty redefines Total Cost of Ownership

The first step to a lower Total Cost of Ownership begins with a strong product. Conker's 3-year fault rate runs **below 1.5%** which is well below industry average.

The second step is to remove hard costs that come with repairs and replacements. We are so confident in our product that we offer **accidental damage cover** as standard and include batteries.

The third step is all about time. We have an industry leading **3-day SLA** with actual repair times trending below **1 day**. All Conker repairs are handled in house further saving you time which is why we are repeatedly described by our customers as “highly responsive”.

### RELAX 1 year

#### INCLUDED FOR FREE

THE UK'S MOST COMPREHENSIVE STANDARD PRODUCT WARRANTY

#### Features

- ✓ 12 months of hassle-free cover
- ✓ Free Collect & Return (in the UK)
- ✓ Accidental Damage Cover
- ✓ Zero Repair surcharges
- ✓ 30% Replacement surcharge

### RELAX 3 years

#### HASSLES FREE RUGGED MOBILITY

LOW TCO ASSURANCE. OUR MOST POPULAR OPTION

#### Features

- ✓ 36 months of hassle-free cover
- ✓ Free Collect & Return (in the UK)
- ✓ Accidental Damage Cover
- ✓ Zero Repair surcharges
- ✓ Zero replacement surcharge
- ✓ 3 day priority SLA

### 5 year Warranty

#### ENTERPRISE CONTINUITY

FOR BUSINESSES LOOKING TO ASSURE THEIR ASSETS FOR 5 YEARS

#### On request

- ✓ Extend your warranty to 60 months
- ✓ Bespoke options available
- ✓ Enquire for pricing

## What our Customers Say



“Thank you for your excellent communication. We were always kept up to date with progress on our repair.”

Chief Technology Officer in Warehouse and Logistics

Overall Rating: ★★★★★



“The service I received from Conker was very good, I felt the repair turn around time was much quicker than I had thought. I was also kept up to date with the progress which I greatly appreciated.”

IT Manager in Facilities Management

Overall Rating: ★★★★★



“Outstanding service and consistency, fast repair and dispatch times.”

IT Operations Analyst in the Food Industry in Ireland

Overall Rating: ★★★★★