

RUGGED HANDHELD

Compact, durable, light weight



Conker SX55

Ultra compact, IP68 and with 1.5 metre drop protection.

This dockable handset is ideally suited for modern field operations.

Integrated 2D barcode scanning extends functionality to warehousing & logistics operations with a choice of standard or long range.



- MTK6762 Quad-core
- Android 11
- 5.7 inch display
- Only 250g and 12mm thick
- 4GB RAM, 64GB Storage
- Rear 13.0 MP Camera
- Newland N1 2D barcode scanner

Detailed Device Specification

CPU	MTK6762 Octa-core	
OS	Android 11	
Display	5.7 inch IPS LCD, Resolution 720x1440	
RAM	4GB	
Storage	64GB	
Camera	Rear 13.0 MP autofocus with flash. Front 5.0 MP.	
Battery	4,000mAh	
User Swappable	No	
Wi-Fi	WIFI 5 (802.11 a/b/g/n/ac). Frequency: 2.4G+5.8G Dual-band	
Bluetooth	Bluetooth 4.0 LE	
4G LTE	FDD LTE B1/B2/B3/B4/B5/B7/B8/B20 TDD: B38/B39/B40/B41	
WCDMA	B1/B2/B5/B8	
GSM	B2/B3/B5/B8	
SIM slot	2-in-1. Dual SIM or SIM + micro SD	
GPS	GPS + GLONASS	
2D Barcode Scanner	Newland N1 Sensor Resolution: 640 x 480 pixels Field of View: Horizontal 42°, Vertical 31.5° Scan Angles: Pitch/Skew +/-60°	
	Standard Range Model: 5 mil Code 39: 40 - 150mm 13 mil EAN: 60 - 350mm 15 mil QR Code: 30 - 170mm 40 mil QR Code: 5cm - 50cm 100 mil QR Code: 15cm - 1.1m 200 mil QR Code: 23 - 2.1m	Optional Extended Range: 5 mil Code 39: 120 - 260mm 13 mil EAN: 105 - 680mm 15 mil QR Code: 80 - 250mm 40 mil QR Code: 10cm - 1m 100 mil QR Code: 18cm - 2m 200 mil QR Code: 30cm - 3.7m
NFC	Standard ISO/IEC	
Sensors	3D accelerator, E-compass, proximity sensor, Light sensor	
Memory card	micro SD, max 256GB	
Physical Ports	1* USB Type-C 4 pin docking connector	
Buttons	Right Edge: Power, scan, volume Left Edge: SOS button + programmable function button	
Ingress Protection	IP68	
Drop test	1.5 metres	
Operating temp.	-15°C to 55°C	
Storage temp.	-30°C to 60°C	
Humidity	95% Non-Condensing	
Dimensions	151x73x12mm	
Weight	250g	
Certification	CE / IP68 / 810G	
Included Accessories	USB DC Adaptor, Type-C Cable	



Optional Accessories

Desk dock	USB type-C (DC input method)
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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 SX55 Rugged Handheld



Android



IP54



GPS



High-capacity



WiFi



Bluetooth



4G



2D



What's in the box?

SX55 Handheld



Charger & USB-C cable



Optional Accessories

Desk 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: ★★★★★