

RUGGED TABLET

Fully Protected, Powerful,
and Reliable Rugged Device



Conker SX51

The legendary SX50 has been upgraded with a larger 5.5" display, while remaining fully backward compatible with all accessories.

The Conker SX51 has an integrated Zebra 2D barcode scan engine, an IP67 rating and optional pistol grip making the SX51 the new king of data capture in tough environments.



- 2.3 GHz Octa-core CPU
- Android 12
- 5.5 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	5.5 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 100% brightness): 10 hours Time to fully charge from flat: 2 hours 1 hour charge from flat: 64% Optional 8,000mAh double-capacity battery
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, Beidou, 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 (antenna on front above the display_
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 - 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	159 * 78 * 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
Extended battery	8,000mAh double-capacity battery
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.

“ 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 SX51 Rugged Tablet



-  Android
-  IP67
-  GPS
-  High capacity
-  Fingerprint
-  NFC
-  WiFi
-  Bluetooth
-  3G/4G
-  2D

What's in the box?

SX51 Tablet
with standard
battery



Hand Strap



Charger & USB-C cable



Lanyard



Optional Accessories

Extended Battery



Desk dock



Pistol Grip



Vehicle Mount



Multi Dock





Hassle-Free Warranty



No Time for Down Time

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. High repair costs compounded by slow repair times cause a productivity, administrative and financial drain.

Hassle Free Warranty

A Conker Relax warranty ensures business-critical devices remain operational, reducing unexpected downtime. Relax+ saves you 84% on repairs, extends device lifespan and provides comprehensive coverage against accidental damage. Secure operational continuity and enable predictable budgeting with Relax.

Full Life Cycle Planning

The "Relax 360" Warranty takes TCO reduction beyond repair costs to saving you time and hassle from unplanned aspects of the device lifecycle. Relax 360 reduces downtime with on-site device swapouts, reduces the IT admin burden from provisioning new equipment and includes planned battery renewal.

RELAX

3 YEAR RISK REDUCTION

COVER FOR PRODUCT FAULTS WITH AN SLA AND FIXED RATE REPAIRS

Features

- ✓ Telephone & Email Support
- ✓ Return to Base
- ✓ Cover for hardware faults
- ✓ **Unlimited Fixed Rate Repairs †**
- ✓ 18 month battery warranty
- ✓ 5 day repairs at UK Repair Centre

† Typical saving 60% per repair. Rate schedule available on request.

RELAX PLUS

HASSLES FREE RUGGED MOBILITY

LOW TCO ASSURANCE. OUR MOST POPULAR OPTION

Benefits

- ✓ Telephone & Email Support
- ✓ Free Collect & Return
- ✓ **Accidental Damage Cover †**
- ✓ Zero surcharges
- ✓ Covers battery faults for 3 years ‡
- ✓ 1 Day Repairs at UK Repair Centre

† Limit of 10% per year, then Fixed Rate Repairs
‡ Batteries that fall below <60%

RELAX 360

ENTERPRISE CONTINUITY

UPTIME IMPERATIVE. SIMPLIFIED LIFECYCLE

Benefits

All the benefits of RELAX+ and:

- ✓ On-site device swapouts
- ✓ Device Commissioning
- ✓ End-of-life disposal + Secure Wipe
- ✓ Enhanced Battery Care †
- ✓ Priority SLA

† 1 replacement when below 80%

What Customers Say



“ Conker saves us 4x the purchase price on every device. When we looked at our mobile computing costs the “Total Cost of Ownership” was massive. It was obvious that our old devices were totally unsuitable and their warranties were just not up to the job; downtime was horrible. The Conker Relax Warranty gives us predictable costs and even our clumsiest users are back up and running with minimal downtime. ”

IT Manager in Facilities Management

