CONKER.

SX88

RUGGED TABLET

Fully Protected, Powerful, and Reliable Rugged Device

IP68 | DROP TESTED | 12 HOURS | 2D | GMS CERTIFIED



Conker SX88

The Conker SX88 is an ultra rugged IP68 tablet with large battery plus excellent physical and wireless connectivity.

Designed to withstand industrial use while providing a solution that increases productivity the SX88 supports multiple data capture options and a wide range of accessories to cover different usage scenarios.



android

- Android 13.0
- 8 inch IPS LCD, 700 nits
- 4G LTE, WiFi, Bluetooth, GPS, NFC
- Gorilla Glass 3 capacitive touch screen
- 8GB RAM, 128GB SSD Storage
- Rear 16.0 MP Auto Focus Camera with LED flash
- USB Type-C, Full-size USB-A, RJ45, HDMI & 3.5mm jack
- 2D Barcode Scanner

Detailed Device Specification

CPU	MediaTek Helio G99 MT8781 2.2GHz Octa-core CPU
OS	Android 13
Display	8" IPS LCD, Resolution 1920*1200, Aspect 16:10, Brightness 700 nits
Touch	Gorilla Glass 3, Hardness 7H. 5-point capacitivce touch.
RAM	8GB
Storage	128GB SSD
Camera	Rear 16 MP Auto Focus with LED flash, Front 8MP Fixed focus
Battery	10,000mAh, 3.8V Running time (playing video at 50% brightness): 12 hours Time to fully charge from flat: 5 hours 50% charge time: 2 hours
User swappable	No
Charging	5V/3A DC-input, barrel plug (supplied) USB Type-C (supported) Docking connector (optional desk/vehicle dock)
Wi-Fi	WIFI 5 (802.11 a/b/g/n/ac) Frequency:2.4G+5.8G Dual band
Bluetooth	5.0 LE
Cellular	4G LTE Cat-7/13 FDD/TDD LTE-FDD: B1/B2/B3/B4/B5/B7/B8/B28A/ LTE-TDD: B38/B39/B40/B41
SIM slot	Micro SIM (15x12mm)
GPS	MT6631: GPS/GLONASS/BEIDOU/Galileo/QZSS/SBAS
2D Barcode Scanner (optional)	2D Barcode Scanner: Newland N1 Sensor Resolution: 640 x 480 pixels Field of View: Horizontal 42°, Vertical 31.5° Scan Angles: Pitch/Skew +/-60° Scanning ranges: 13 mil 100% UPCA: 6-35cm 10 mil QR: 4-14cm 40 mil QR: 6-60cm
NFC	13.56Mhz, 14443A/14443B/15693
Sensors	Accelerometer, Light sensor, Proximity, Gyroscope, E-Compass
Fingerprint	Optional capacitive on rear
Audio	Front: Microphone + Earpience. Read: Dual speakers 1.2W
Memory card	micro SD, max 256GB
Physical Ports	1* USB 2.0 type A (full size) 1* USB Type-C (OTG+charging) 1* Micro HDMI output 1* RJ45 1* Standard 3.5mm headphone jack 1* DC-input 12 pin docking connector (supports USB and DC-input)
Physical Buttons	Power, Barcode Trigger, 1x User buttons, Volume +, Volume -
Ingress Protection	IP68
Drop test	1.2 metres repeated drops. 1.5 metres single drop
Mechanical	4x M3 on rear (pitch 64x180mm). 2x M4 on top edge.
Operating temperature	-10°C to 60°C
Storage temperature	-30°C to 70°C
Humidity	95% Non-Condensing
Dimensions	227 x 142 x 22.5 mm
Weight	810g
Certification	CE / ROHS / IP65 / MSDS / GMS / MIL-STD-810G / UN38.3
Included Accessories	2-point hand strap DC charger USB A to C cable

Optional Accessories

Desk Dock	DC-input (barrel). 2x USB-A. 1x RJ45 LAN. 1x DB9 Serial.
Vehicle Mount	Lockable vehicle mount with VESA mounting Ports: DC-input (barrel). 1x USB-A. 2* 8-pin Aviation ports: Power + Serial / USB + LAN

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 SX88 Rugged Tablet



Android | IP68 | GPS | High-capacity

NFC | WiFi | Bluetooth | 4G | 2D

What's in the box?

SX88 Tablet



Hand Strap



Charger & USB-C cable



Optional Accessories

Desk Dock



Vehicle Mount



CONKER. RELAX Warranty

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

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

The Conker 3 year Relax Warranty eliminates surprise operating expenses by including **accidental damage cover** without exclusion. In fact we save you 84% on repair costs compared to industry norms. With lightening fast repair times of typically **1 day** we reduce downtime to a minimum. 30% of customers say they have experienced repair times in excess of **1 month** with other hardware suppliers.

Relax 360 - Full lifecycle cover

Our 360 Warranty takes TCO reduction beyond repair costs to saving you time and hassle through the device lifecycle. Relax 360 reduces downtime with on-site device swapouts and eliminates IT admin costs from provisioning new equipment. Further unplanned costs are taken care of including replacing tired batteries mid-cycle and retiring old equipment in compliance with environmental and data security commitments.

RELAX

YOUR BASE WARRANTY

COVER FOR PRODUCT FAULTS.
SLA & FIXED RATE REPAIRS

Features

- ✓ 36 months
- ✓ Return to base
- ✓ Unlimited Fixed Rate Repairs
- ✓ 18 month battery warranty
- ✓ UK repair centre
- ✓ 5 day SLA

RELAX PLUS

HASSLES FREE RUGGED MOBILITY

LOW TCO ASSURANCE.
OUR MOST POPULAR OPTION

Benefits

- ✓ 36 months of hassle-free cover
- ✓ Free Collect & Return (in the UK)
- ✓ Accidental Damage Cover
- ✓ Zero Repair surcharges
- ✓ 3 years battery protection
- ✓ 1 day repairs

RELAX 360

ENTERPRISE CONTINUITY

UPTIME IMPERATIVE.
SIMPLIFIED LIFECYCLE

Benefits

- ✓ On-site device swapouts
- ✓ Device commissioning
- ✓ End-of-life disposal
- ✓ Secure data wiping
- ✓ Enhanced Battery Care
- ✓ 1 day SLA

What our 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

Overall Rating: ★ ★ ★ ★ ★