



CORE-Z5

PERFORMANCE AND DURABILITY COMBINED

Designed for the most advanced professional uses, and especially in critical environments, the CORE-Z5 is the first 5G smartphone from the French brand. Never has Crosscall delivered such a powerful tool: bringing together its Qualcomm octacore processor and compatibility with the latest generation networks (5G, WiFi 6/6E), it offers you the best available quality of service, whatever the circumstances.

Boasting unparalleled reliability, durability and solidity, it is tailored to the most demanding conditions, making it the ultimate mobile office or operational tool for critical missions. This future-proofed product is packed with the latest technologies and anticipates those of the future. All these features make the CORE-Z5 - **the first 5G smartphone on the market to be guaranteed for 5 years** - a great long-term investment.

- **High performance:** 5G and Wifi 6/6E compatibility, powerful Qualcomm QCM6490 processor.
- **Designed to last:** 5-year warranty, AER certification, MIL-STD-810H standard; IP68 sealing, 4950 mAh battery.
- **Ergonomic and technical:** 6.08" screen, 100dB speaker, 48 MP camera, 4K camera.
- **Adapted to professional needs and critical missions:** X-LINK™ technology, Push-To-Talk and PC-replacement features.



CORE-Z5

SUPERIOR PERFORMANCE AND DURABILITY COMBINED

HEAVY-DUTY PERFORMANCE

The most powerful Crosscall smartphone

The CORE-Z5 offers latest generation compatibility making it a genuine mobile office, that will perform to the high standard on all types of terrain. 5G gives you an average throughput that is three times faster than 4G, making certain new critical applications possible, e.g. telemedicine, video conferencing in high definition or even video streaming in 4K.

The smartphone is equipped with a high-performance Qualcomm processor combined with 8 powerful cores. You can count on its speed of execution and perform several complex tasks simultaneously.



ERGONOMICS AND TECHNICAL FEATURES

At the forefront of innovation

With the help of this tool, you will no longer hesitate to view a map or 3D plan, or fill out a form... even when wearing gloves. Experience the large format legibility that is ideally suited to professional uses. What's more, thanks to its 6.08" HD screen with a 19:9 ratio, it is easy to handle and has a pleasant display surface.

Optimise your listening comfort in a noisy environment by activating its powerful 100dB speaker. Save time with its 4 programmable buttons and its GPS with an accuracy of 3 metres. Whether you are at work or not, enjoy the quality of its 48 megapixel camera with Fusion4 technology and its 4K camera, or the ingenuity of its reverse charging system, which is perfect for recharging other devices.



RESISTANCE & DURABILITY

An investment for the future

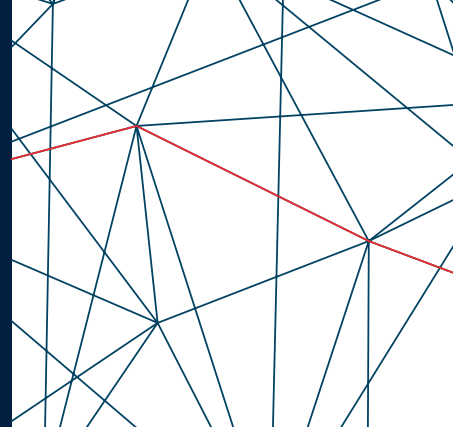
Finally, it is the most heavy-duty model in the CROSSCALL range. Whether it is getting dropped from a height of 2 m onto concrete, or coping with fine dust or the most extreme temperatures (-25° and +60°C), its performance remains unaffected. The same applies to being submerged in salty or chlorinated water. It also meets the MIL-STD 810H military-grade standard, demonstrating its mechanical reliability whatever the climatic conditions.

Certified Android Enterprise Recommended, the CORE-Z5 comes with Android™ 12 and will benefit from two major operating system updates (Android™ 13 and Android™ 14). Security patches are kept up to date for 5 years from its launch date (November 2022). The CORE-Z5 is therefore an operational tool, even for future software. Its large capacity battery (4,950 mAh / 800 charge cycles) delivers 44 hours of talk time. And so that you can use it for many years with peace of mind, it is guaranteed for 5 years!



CORE-Z5

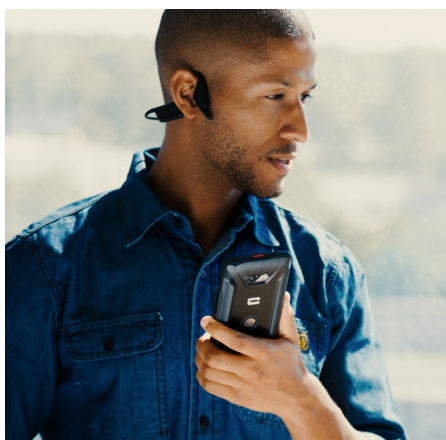
SUPERIOR PERFORMANCE AND DURABILITY COMBINED



USES

Multiple possibilities

The CORE-Z5 has been designed for the future and will undoubtedly be a long-lasting aid in your everyday life and at work. Given its extreme flexibility, it will be able to adapt to the needs of all those who are constantly on the go.



Turn it into a walkie-talkie...

The CORE-Z5 is an all-in-one solution that turns into a walkie-talkie on demand. Thanks to the Push-To-Talk feature combined with its long battery life, communicate with several colleagues with no limit on the range or battery life... with a few clicks!



...or a computer

The display of the ultra-powerful CORE-Z5 smartphone can be mirrored on a screen, turning it into a computer thanks to the PC-Replacement feature.



...even on the move

Use the X-LINK connection to attach the CORE-Z5 to an ecosystem of accessories designed to assist you in every situation. Charge the smartphone when you are travelling with the X-CAR PRO and X-POWER products, and enjoy continuous battery life.



CRITICAL COMMUNICATION

The all-in-one solution for your assignments

The CORE-Z5 benefits from all of CROSSCALL's expertise in group communications. It fulfils every key criteria, making it the essential tool you need for your critical assignments and replacing your old portable devices.

The CORE-Z5 has the flexibility to deliver the level of responsiveness needed in professional environments, e.g. law enforcement, firefighters, emergency workers, security guards, etc., as well as all those who work in the field. Experience the comfort of a group communication on a very high-speed network (PMR 4G/5G). You can communicate without any loss of signal between several remote sites in order to perform critical on-site tasks requiring close cooperation.

Bands used for private networks

In 4G : band 28, 38, 40, and 1stworldwide: band 68 (700 MHz)

In 5G : n28, n38, n40, n77, n78

OUTDOOR SPECIFICATIONS

IP standard	IP 68
Resistance to salt water	2m / 30min
Dustproof	Yes
Usage temperature	-25°C / + 60°C
Resistance	Drop test (6 faces, 2m on concrete)

TECHNICAL SPECIFICATIONS

Dimensions	175 x 81 x 14 mm
Weight	281g
Colour	Black
Operating system	Android™
Version / Zero Touch / AER	12 then 13 and 14 / Yes / Yes
Processor	Qualcomm® QCM6490
Type	Octocore 1xGoldP @2.7GHz + 3xGold@2.4GHz + xSilver@1.9GHz
Head/Body SAR	1.5W/kg - 1.03W/kg
SAR Limbs	2.63W/kg
Languages	DE, EN, AR, CH, CR, DK, ES, ES, FL, FR, HR, IT, LV, LT, NL, NV, PL, PT, SR, SL, SV, S, CZ

SCREEN

Size	6.08" - 19:9
Type	IPS - Corning Gorilla® Glass 5
IK standard	IK05
Touch screen	CAPACITIVE , 5 POINTS WET & GLOVE TOUCH
Resolution	1520x720 HD pixels+
Brightness	500 cd/m²

BATTERY

Type	Lithium Polymer
Capacity	4950 mAh
Talk time (3G/4G)	34h / 44h
Battery life in standby time (4G)	306h
Battery life in GPS mode**	12h45min
Reverse charging	Yes, via USB type-C port

VIDEO

Resolution	4K @30fps
Supported formats	3GPP, MP4

NETWORK & CONNECTIVITY

SIM	Triple drawer: 2 SIM + 1 micro SD
Type	Nano SIM
2G (GPRS/EDGE)	850/900/1800/1900 MHz
3G (HSPA+)	850/900/1700/1900/2100 MHz
4G (LTE)	LTE-FDD: B1(2100MHz) / B2(1900MHz) / B3(1800MHz) / B5(850MHz) / B7(2600MHz) / B8(900MHz) / B20(800MHz) / B28(700MHz) / B32(1500MHz) / B68(700MHz) + LTE TDD: B38(2600MHz) / B39(1900MHz) / B40(2300MHz) / B41(2500MHz) / B42(3500MHz) / B43(3700MHz)
5G	NR-FDD n1(2100MHz) / n3(1800MHz) / n5(850 MHz) / n7(2600MHz) / n8(900MHz) / n20(800MHz) / n28(700MHz) + NR-TDD n38(2600MHz) / n40(2300MHz) / n41(2500MHz) / n77(3700MHz) / n78(3500MHz)
VoLTE / VoWiFi	Compatible***
Wi-Fi	802.11a; 802.11b; 802.11g; 802.11n; 802.11ac; 802.11ax; 802.11k; 802.11r; 802.11v; 802.11u 2.4 GHz + 5 GHz + 6 GHz WiFi6/6E Certified
Bluetooth®	5.2
NFC	Yes, payment feature
USB	Type-C 3.2 Gen1
OTG	Yes
X-LINK™*	Yes

MEMORY

RAM	6 GB
Flash	128 GB
External (Micro SD)	max 1024 GB (sold separately)

PHOTO

Rear camera	48 MP Fusion*
PDAF Autofocus	Yes
Front-facing camera	8 MP
Flash	LED
Supported formats	JPEG, PNG, BMP

AUDIO

Audio jack	3.5mm waterproof headphone jack
Supported formats	AMR, MIDI, MP3, WAV, AAC; 3GP, WAVE
Microphone	Waterproof microphone, GORE membrane
Loud speaker	100dB at 10cm

FEATURES

Play store™	Yes
Google Service	Yes
Hands-free	Yes
Alarm clock	Yes
Voice recorder	Yes
Flashlight	Yes
Customisable multifunction button	Yes, four
QR code reader	Yes
Fingerprint reader	Yes
Indicator light	Yes, 2 multicoloured LEDs

LOCATION SERVICES

GPS	Yes, dual frequencies (L1/L5, E1/E5)
Type	GPS, A-GPS, Glonass, Beidou, Galileo

SENSORS

Accelerometer / G-Sensor	Yes
Proximity sensor	Yes
Light sensor	Yes
Gyroscope	Yes
Magnetometer / E-Compass	Yes

PACKAGING

Package dimensions	188x187x33.5mm
Weight	510 g

LOGISTICS

Product reference	1001013501752
EAN code	3700764733752
Box dimensions	335 x 189 x 240 mm
Number of products/box	10
Shipping box weight	5,6 kg
Pallet dimensions	1200x800x1590 mm
Layers	6 (14 boxes per layer)
Number of products/pallet	840
Pallet weight	510,4 kg
Customs nomenclature	8517130000

*Magconn Technology

**GPS + DATA + GOOGLE maps on + Screen brightness 100%

*** To be validated with the technical operator teams

INCLUDED IN THE BOX



USB-C/USB-C CABLE

X-BLOCKER



CHARGER NOT INCLUDED



POWER REQUIRED

X-LINK™* Attachment Technology



MOUNT

Magnetic attachment and easy positioning in portrait/landscape mode.

TRANSFER

Easy to use. No need for cables! Attachment in a single step, charge and data transfer.



CHARGE

Fast and efficient charging. 98% power transfer.

