

CORE-M5

THE VERSATILE SMARTPHONE

Powerful, reliable and Android Enterprise Recommended certified. X-LINK™* compatible and ergonomic design. Versatile and durable. The CORE-M5 incorporates CROSSCALL's key values and features, providing the perfect solution for all professionals.

- **Powerful:** Qualcomm® SM6115 Octo-core
- **Connectivity:** 4G, Wi-Fi, WPA3 Certification
- **Ergonomic Design:** Bright 4.95-inch screen, 100 dB loudspeaker, easy-to-access programmable keys
- **Durable:** Three-year warranty, repairable smartphone, military standard MIL-STD-810H

*Magconn Technology



android
enterprise
recommended

CORE-M5

THE VERSATILE SMARTPHONE

PRODUCT HIGHLIGHTS

SPECIFICATIONS

POWERFUL

INTERNET CONNECTION

DURABILITY

ERGONOMIC DESIGN

| POWERFUL

— PLENTY OF POWER PACKED INTO A PERFECT SIZE

The CORE-M5 is equipped with a Qualcomm® SM6115 Octo-core processor that guarantees you a flawless experience every time you use your device. Its powerful processing capability means you can use several applications at the same time and vary their use without any loss of responsiveness. With the CORE-M5, you also get large storage capacity, which can be expanded to up to 512 GB with a micro SD card.

| ERGONOMIC DESIGN

— USER-FRIENDLY AND COMFORTABLE TO HANDLE

The compact 4.95-inch, 18:9 screen provides the perfect balance between easy handling and good readability. Also, the CORE-M5 side buttons have been designed to be easy to use, particularly when wearing gloves. These two programmable keys give you quick access to certain features without having to unlock your phone. For example, you can use your smartphone as a walkie-talkie with the CROSSCALL X-TALK app. Your conversations will be clear and audible thanks to the powerful 100dB loudspeaker.

| INTERNET CONNECTION

— WORK AND PLAY LONGER

The CORE-M5 features dedicated frequency bands for 4G connection (up to 300 Mbps downstream and 75 Mbps upstream). These frequency bands cover all French operators and most European operators. When you are at home or in the office, your CORE-M5 connects to your Wi-Fi network (802.11 a/b/g/n/ac 2.4Ghz and 5Ghz), which saves you from using your data plan. The CORE-M5 is WPA3 certified, meaning your data is secure. It has a double SIM slot that allows you to switch from one SIM to the other, whether for work or personal use, choose between operators or temporarily subscribe to a local tariff when abroad.

| DURABLE

— A LONG-TERM SOLUTION

Durability is a core feature of CROSSCALL's philosophy. Designed with this philosophy in mind, the CORE-M5, with its three-year warranty, ticks all the boxes of a durable device that is ideally suited to the business world, as proven by its Android Enterprise Recommended certification. What's more, the CORE-M5 is made to cope with harsh conditions, whether they be in your workshop, warehouse, garage or even out on a hiking trail. A smartphone has to be repairable if it is to have a long lifespan. That's why we paid particular attention to this when designing the CORE-M5 to ensure that the products in the CORE range continue to feature among the most repairable on the market.



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OUTDOOR SPECIFICATIONS

IP standard	IP 68
Resistance to salt water	2m / 30min
Dustproof	IP6X
Operating temperature	-25°C / + 60°C
Resistance	US MIL-STD-810H(15 tests) Drop test 6 sides from 2m

TECHNICAL SPECIFICATIONS

Dimensions / Weight	151 x 74 x 15.5 mm / 226.6 g
Colour	Black
Operating system	Android™
Version / Zero-Touch / AER	11/ Y / Y
Processor	QUALCOMM® SM6115
Type	OCTO-CORE (4xA53 @1.8GHz + 4xA73 @2 GHz)
SAR Head / Body	1.54 W/kg / 0.78 W/kg
SAR Limbs	1.83 W/kg
Languages	French, Czech, Danish, German, Estonian, English, Spanish, Croatian, Italian, Latvian, Lithuanian, Hungarian, Dutch, Norwegian, Polish, Portuguese, Slovakian, Slovenian, Finnish, Swedish, Russian, Arabic, Chinese

SCREEN

Size	4.95 inches - 18/9
Type	IPS - Corning Gorilla® Glass 3
IK standard	IK04
Touchscreen	Capacitive screen, 5 points Wet & Glove Touch
Resolution	960 x 480 FWVGA+
Brightness	500 cd/m ²

BATTERY

Type	Lithium Polymer
Capacity	4,000 mAh
Talk time (2G/3G)	TBC
Battery life in standby time (4G)	TBC
Battery life in GPS mode**	TBC

NETWORK & CONNECTIVITY

SIM	Dual SIM or SIM + Micro SD
Type	Nano SIM
2G (GPRS/EDGE)	850/900/1800/1900 MHz
3G (HSPA+)	850/900/1900/2100 MHz
4G (LTE)	FDD-LTE bands: 1(2100) / 3(1800) / 5(850) / 7(2600) / 8(900) / 20(800) / 28 full band (700) TDD-LTE bands: 38(2600) / 40(2300)
VoLTE	Compatible***
VoWifi	Compatible***
Wi-Fi	802.11a; 802.11b; 802.11g; 802.11n; 802.11ac 2.4 GHz and 5 GHz
Bluetooth®	5.0
NFC	Yes, payment feature
USB	Type-C 2.0
OTG	Yes
X-LINK™**	Yes

MEMORY

RAM / Flash	3 GB DDR4 / 32 GB
External (Micro SD)	max. 512 GB (sold separately)

PHOTO

Sensor	13 MP
Autofocus	Yes
Front-facing camera	2 MP
Flash	Yes
Supported formats	JPEG, GIF, PNG, BMP

VIDEO

Resolution	Full HD 1080p
Supported formats	MP4, 3GPP

AUDIO

Headphone jack	3.5 mm
Supported formats	3GPP, MP3, AAC, MIDI, WAVE
Microphone	Waterproof microphone, GORE membrane
Loudspeaker power	100dB

LOCATION SERVICES

GPS	Yes
Type	GPS, A-GPS, Glonass, Beidou, Galileo

SENSORS

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

FEATURES

Play store™	Yes
Google™ Services	Yes
Hands-free	Yes
Alarm clock	Yes
Voice recorder	Yes
FM Radio	Yes (requires wired headphones)
Flashlight	Yes
Customisable multifunction button	Yes, 2
QR code reader	Yes
SOS function	Yes

PACKAGING

Package dimensions	175 x 163 x 33 mm
Weight	523 g

LOGISTICS

Product reference	1001011101114
EAN code	3700764722114
Box dimensions	393 x 236 x 206 mm
Number of products/box	12
Box weight	approx. 7.35 kg
Pallet dimensions	1,184 x 787 x 1,598 mm
Layers	7 (10 boxes per layer)
Number of products/pallet	840
Pallet weight	558 kg
Customs reference	8517120000

*Magconn Technology

** GPS + DATA + GOOGLE maps enabled + 100% screen brightness

*** To be validated with the operator's technical teams

INCLUDED IN THE BOX



5V/2A CHARGER



TYPE A/TYPE C USB CABLE



IPX4 WATERPROOF HEADPHONES



X-BLOCKER

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I THE CORE-M5, FOR POWER...

The processor is the main component that ensures resource-intensive business applications function smoothly. The CORE-M5 has the latest generation Qualcomm® series 6 processor.

It provides 8 cores: 4 @2GHz for maximum performance and 4 @1.8 GHz for battery-life efficiency when running basic tasks that are not resource-intensive. In fact, the processor analyses and manages its capacity and your requirements in real time. This results in smooth scrolling and the seamless use of even the most resource-intensive business applications. At the same time, its 11 nm process technology offers better performance and greater energy efficiency. The

processed data then flows through the DDR4 memory module with 3 GB of RAM, to be stored in the 32 GB flash memory.

If required, this capacity can be extended to up to 512 GB with a micro SD card (not included) or with X-MEMORY. A micro SD card is inserted directly into the easy access slot, meaning there is no need to open up the device.



I ... AND PEACE OF MIND

The CORE-M5 has all the functionality of the latest Android OS. An upgrade to Android 12 is also scheduled that will extend the lifespan of your device and keep your device up-to-date over the long-term. The CORE-M5 is also compatible with the main MDM (Mobile Device Management) software on the market (Mobile Iron, Airwatch, etc.). This ensures that a set of mobile devices can be easily distributed and managed, something of particular interest to IT Managers.

Android Enterprise Recommended certification

Android Enterprise Recommended is more than just a simple quality label. Android selects devices and service providers who meet Google's strict enterprise requirements. So, you can feel confident about distributing mobile devices across your organisation.

Every listed device meets strict requirements for hardware and software, and every partner is trained and supported by Google.

The standardised features of Android Enterprise Recommended make it easy to manage and expand your set of mobile devices. Distributing more devices will not affect your experience. With Android Enterprise Recommended, you receive regular software and security updates.



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I STAY ULTRA-CONNECTED

— WITH 4G AND Wi-Fi

The CORE-M5 features dedicated frequency bands for 4G connection (up to 300 Mbps downstream and 75 Mbps upstream). These frequency bands cover all French operators and most European operators. Whether at home or in the office, your CORE-M5 connects to your Wi-Fi network (802.11 a/g/n 2.4Ghz), saving you from using your data plan.

WPA3 Certified

WPA3 certification refers to the security of Wi-Fi devices. This certification provides the latest security protocols and features to increase the security of the Wi-Fi network and a more robust authentication.



I DON'T COMPROMISE

— NO MORE NEED TO CHOOSE

The CORE-M5 features a dual SIM slot that lets you switch from one SIM to the other. Whether switching between business and personal use, from one operator to another, or temporarily subscribing to a local plan abroad, the power is in your hands.

— Share your connection

By combining 4G and Wi-Fi, you can use your CORE-M5 as a hotspot to provide other devices and people around you with fast 4G internet access.



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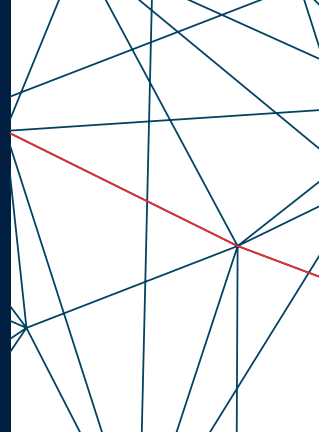
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DESIGNED FOR LONG-TERM USE

— A PRODUCT WITH A LONG LIFESPAN

Durability is a core feature of CROSSCALL's philosophy. Designed with this philosophy in mind, the CORE-M5, with its three-year warranty, ticks all the boxes of a durable device that is ideally suited to the harsh conditions in your workshop, warehouse, garage or even out on a hiking trail.

— REPAIRABLE THEREFORE DURABLE

A smartphone has to be repairable if it is to have a long lifespan. Therefore, we paid particular attention to this when designing the CORE-M5 so that the products in the CORE range continue to feature among the most repairable on the market.

TESTED TO MILITARY STANDARD

— ROBUST INSIDE AND OUT

The surface of your CORE-M5 is well-protected with two-shot TPU (Thermoplastic Polyurethane). This layer covers the corners of the CORE-M5, so it absorbs shocks more easily. Moreover, the CORE-M5 has passed the 15 MIL-STD-810H military standard tests with flying colours, including drop tests on 6 sides of the phone from a height of 2 metres onto a concrete block. A GORE membrane, using GORE® Vents technology, protects the microphone under water. The membrane is micro-perforated, so air can pass through, but not liquid.

In order to preserve its power, the loudspeaker, which is also waterproof, has a grill that protects it against dust and micro-particles as well as impacts. In addition, the CORE-M5 screen has 0.7 mm Corning Gorilla® Glass 3, which is resistant to scratch and sharp contact damage and is IK04 certified.

— SALT-WATER PROOF, CHLORINATED-WATER PROOF, DUSTPROOF AND RESISTANT TO ALL SORTS OF MICROPARTICLES

The CORE-M5 is made to suit your lifestyle, whether you are a craftsperson in a workshop, a factory worker, an architect on a building site or an outdoor sports person. The smartphone's waterproof feature means it is able to withstand contact with all sorts of liquids, dust and micro-particles, such as sand or dust produced on building sites or at manufacturing facilities.

ALTITUDE RESISTANT
Low pressure and pressure variations

HIGH TEMPERATURES
In storage: +71°C

HIGH TEMPERATURES
In operational use: -60°C

LOW TEMPERATURES
In storage: -51°C

LOW TEMPERATURES
In operational use: -25°C

THERMAL SHOCK
From -40°C to 60°C

SOLAR RADIATION
Peak exposure of 1,120 W/m²

SALT SPRAY
High temperature and presence of sodium chloride

RAIN
3 hours in heavy storms

FREEZING RAIN
Formation of 13 mm of ice on the phone

HUMIDITY
60°C, 95% relative humidity for 28 days

LIQUID CONTAMINATION
occasional contact with diesel

VIBRATION
8 hours of intense shaking

IMPACTS
18 impacts

ACCELERATION
From 0 to 72 km/h in 1 second

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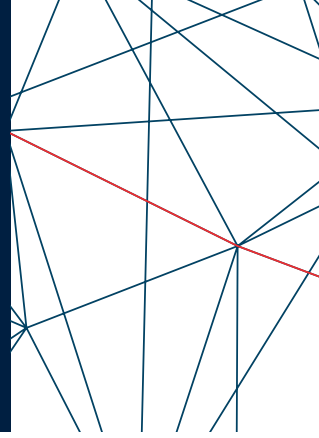
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THE PERFECT SIZE

USER-FRIENDLY AND COMFORTABLE TO HANDLE

The side buttons on the CORE-M5 were deliberately designed to be longer and slightly wider, so they are easier to use, particularly when wearing gloves. Their colour, texture and location on the phone have been specially designed to give users an intuitive product that is ergonomic and easy to use.

The two programmable keys provide quick access to certain features without having to unlock your phone.

With one hand, you can reach 85% of the screen!

With its 18:9 aspect ratio and compact 4.95-inch screen, you can reach almost all of the CORE-M5 screen while holding it in one hand! So you can navigate easily with your thumb while your other hand is completely free.

OPTIMAL COMMUNICATION

5 OUT OF 5

The CORE-M5 has a powerful loudspeaker that reaches up to 100dB, meaning you can hear the person you are speaking to wherever you are. In order to preserve its power, the loudspeaker, which is also waterproof, has a grill that protects it against dust and micro-particles as well as impacts. When the loudspeaker combines with the X-TALK app, you can use your smartphone like a walkie-talkie. Whether you're working in a factory, a warehouse or a workshop, you can communicate clearly with all of your teams.

A ROBUST, FUNCTIONAL SCREEN

The CORE-M5 is made for you, whether you install solar panels, or if you are a landscape gardener, a surfing instructor or hiking enthusiast. Like all CROSSCALL smartphones, its screen is Glove Touch and Wet Touch compatible. It has also been designed to give good visibility in bright sunshine.

In addition, the CORE-M5 screen is made with 0.7 mm Corning Gorilla® Glass 3, which is resistant to scratch and sharp contact damage and is IK04 certified. To ensure maximum drop resistance, CROSSCALL engineers have created a slight gap of 0.5 mm to 1.2 mm between the screen and the frame of the smartphone.



X-LINK™*

ATTACHMENT TECHNOLOGY



MOUNT

Magnetic attachment and easy positioning in portrait/landscape mode.



CHARGE

Fast and efficient charging. 98% power transfer.



TRANSFER

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

* Magconn Technology / SAR CORE-M5: Head: 1.54 W/kg / body: 0.78 W/kg / Limbs: 1.83 W/kg. SAR (or Specific Absorption Rate), measures the level of exposure to electromagnetic waves for aural use. French regulations require this level to be less than 2 W/kg for the head and body, and less than 4 W/kg for limbs. Using a listening device that limits the head's exposure to radioactive emissions from a mobile phone is recommended. Pursuant to Article L.11-3 of the French consumer code, spare parts that are essential for the use of this product will be available for 3 (three) years from the date of sale to the consumer. Phone sold separately. Google and Android are registered trademarks of Google LLC.