YOUR **LOGISTICS** PARTNER

Scoria M240

Industrial Rugged Mobile Computer

Highlights

- Cost-efficient Android mobile computer for mobile data collection
- Compact ergonomic design
- Lightweight, effortlessly portable and easy to use with one hand
- Android 11 operating system with Google services
- Numeric keypad, can be operated even with gloves on
- Scratch-resistant 4" multi-touch display
- Dust and waterproof according to IP65
- Rugged construction, MIL-STD-810G certified

- 2 GHz octa-core processor, 4 GB RAM and 64 GB storage
- Replaceable 4,500 mAh battery for up to 12 hours of operating time
- Fast and reliable LTE & WLAN connectivity
- Telephony with excellent VoLTE voice quality
- Integrated GPS, Bluetooth 5 and NFC
- Integrated high-end 1D/2D barcode scanner with aiming LED
- 13 megapixel camera for brilliant pictures
- Climate-neutral product: compensation of all greenhouse gas emissions from production and transport

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Physical Features

Dimensions	162 x 73 x 20 mm
Weight	250 grams
Housing	Black
Battery	Built-in removable lithium-ion polymer battery 3.8V / 4,500 mAh (17.1 Wh), up to 12 hrs. Runtime depending on usage
Input voltage	100 - 240 V AC 50/60 Hz, DC Output: 5V/2A, Charging through USB-C or cahrging Pin connector
Keys	Power, 2 x volume keys, 3 x scan key, further 25 keys (0-9/ABC, Backspace, Shift, , Tab, Symbols,, Enter,2 x Programmable key, Function key)
Operating temperature	-10° C - +55° C
Storage temperature	-20° C - +60° C
Humidity	95%, non-condensing
Sealing	IP65 dustproof, waterproof
Drop resistance	1.2 m certified to MIL-STD-810H

System features

Operating system	Android 11 AOSP, Android 11 with Google Mobile Services (GMS)
Processor	MediaTek Helio P22 Octa-Core max. 2.0 GHz
System memory	64 GB eMMC SSD
Working Memory	4 GB Dual Channel LPDDR4X RAM
Display	4" IPS display, 400x800 IPS resolution
Touchscreen	Robust capacitive multi-touch screen (5 touch points); Corning Gorilla Glass 3
I/O	1 x USB C, 1 x DC charging port, 1 x Pogo connector for expansion
SIM card slot	Nano SIM
Expansion	Micro SD card up to 128GB (SDXC, SDHC)

Wireless communication

WLAN	Wi-Fi 5 Dual Band 802.11ac Wave 2, 802.11a/b/g, 802.11n, 802.11r
WWAN	Highspeed LTE 4G (up to 300 Mbps download and 150 Mbps upload); 4G Carrier Aggregation (CA), CDMA2000 1x/EVDO Rev. A (SRLTE), 4G FDD / TDD, HSPA +, TAS 2.0, HUPE, IMS (VoLTE\ViLTE\WoWi-Fi), eMBMS, Dual 4G VoLTE (DSDS), Band 71
Bluetooth	5.0

Data Capture

NFC	ISO/IEC 14443 Types A and B, ISO/IEC 15693, ISO/IEC 18092, Mifare Protocol
Barcode Scanner	High-end area imager with Aiming LED for scan-intensive applications; Supports all common 1D and 2D barcodes; Sensor resolution 1280x800 pixels, Scan from an angle of up to 60°, Reading distance 20 - 80 cm depending on barcode type
	▪ Linear: Codabar, Code 11, Code 128, Code 2 of 5, Code 39, Code 93 and 93i, EAN/JAN-13, EAN/JAN 8, IATA Code 2 of 5, Interleaved 2 of 5, Matrix 2 of 5, MSI, GS1 Databar, UPC-A, UPC E, UPC-A/EAN-13 with Extended coupon Code, Coupon GS1 Code 32(PARAF), EAN-UCC Emulation
	▪ 2D Stacked: Codablock A, Codablock F, PDF417, MicroPDF417
	▪ 2D Matrix: Aztec Code, Data Matrix, MaxiCode, QR Code, Chinese Sensible(Han Xin) Code,
	▪ Postal: Australian Post, British Post, Canadian Post, China Post, Japanese Post, Korea Post, Netherlands Post, Planet Code, Postnet

Multimedia

Audio	1 x waterproof speaker, 1 x microphone
Camera	13 MP (rear) with LED flash

Other Specifications

Position Detection	GPS/AGPS, GLONASS, Beidou,
Sensors	Light sensor, Geomagnetic Sensor, Gyroscope, G-Sensor
Innovative Features	Real Time Clock (RTC), CorePilot, Imagiq, MiraVision, NeuroPilot, Pump Express, Tiny Sensor Hub
Supplied accessories	Power adapter, USB-C cable
Optional accessories	See accessories catalog
Warranty	Standard 1 years, 3 year warranty extension available

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