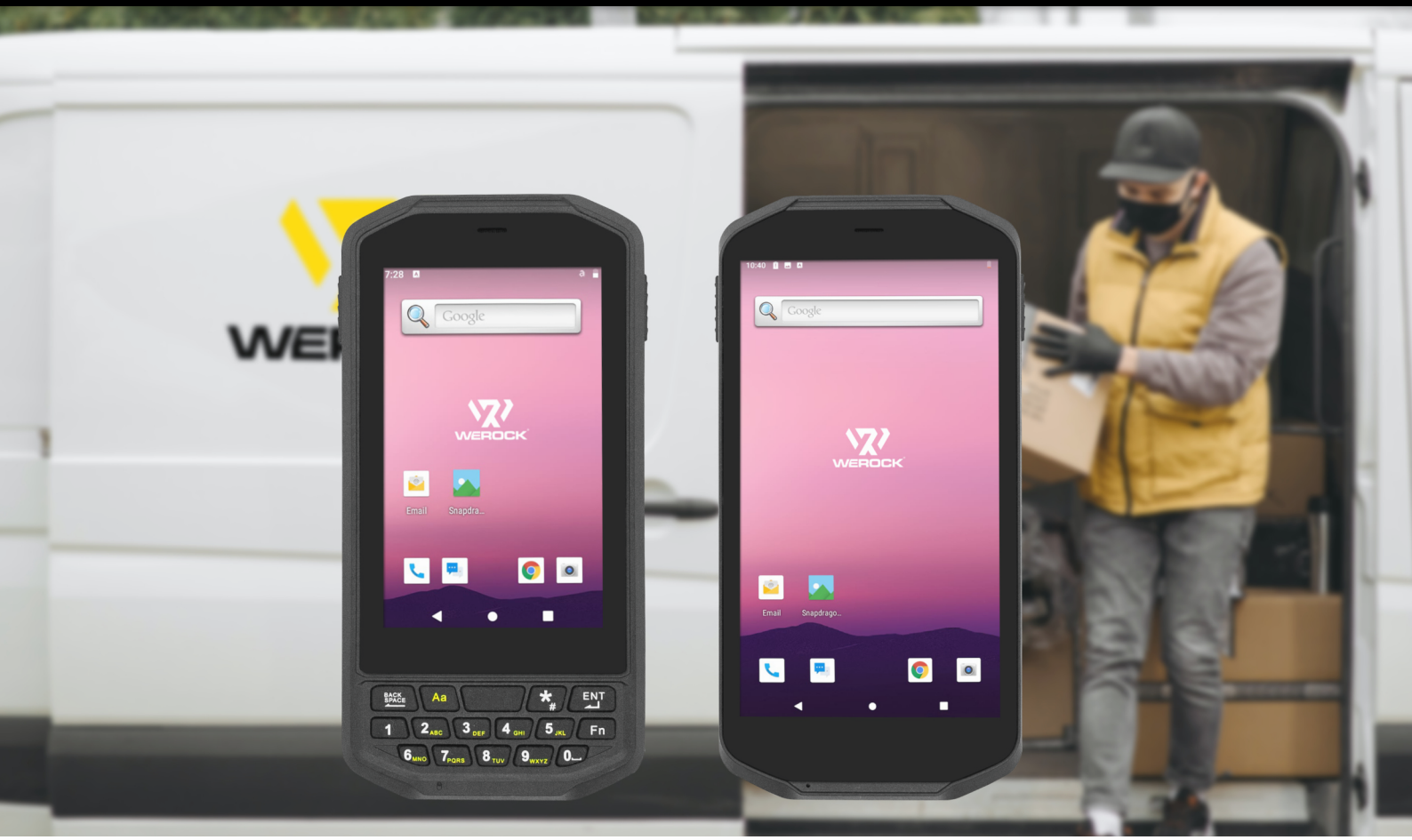

Scoria A100 Series

Compact everyday companion for warehouse, logistics and retail trade

Highlights

- Compact Android mobile computer for field and office use
- Designed for enterprise use
- Perfect size - lightweight and compact
- Lightweight, effortlessly portable and easy to use with one hand
- Powerful Qualcomm Snapdragon 625 processor
- Integrated high-end 1D/2D barcode scanner with Aiming LED
- High- resolution 13 MP camer on the rear panel
- Up to 12 hours battery life, expandable with SnapOn battery
- Optional Keypad for convenient data entry
- Dust and waterproof to IP65
- Ruggedly built, MIL-STD-810G certified
- Extended operating temperature range
- High-speed LTE for mobile voice and data communications
- Comprehensive wireless connectivity with 802.11ac Wave 2 WLAN, Bluetooth & NFC
- Assisted GPS for fast navigation and positioning
- Modern Android 9 operating system
- 4 GB RAM
- 64 GB internal memory, expandable up to 192 GB
- Quickcharge 3.0 fast charging capability via USB C
- Excellent voice quality with VoLTE
- Extensive accessories available such as scanner handle, UHF scanner, docking station, etc.
- Climate-neutral product: All greenhouse gas emissions from production and transport

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Scoria A100 Series - Technical Specifications

Compact everyday companion for warehouse, logistics and retail trade

Physical Features	
Dimensions	148 x 74 x 16 mm
Weight	220 grams
Housing	Black
Battery	Built-in lithium-ion polymer battery 3.85V / 4,000 mAh (15.4 Wh), up to 12hrs. Runtime depending on usage, Double runtime with optional Snapon battery
Input voltage	100 - 240 V AC 50/60 Hz, DC Output: 5V/2A
Keys	Power, 2 x volume keys, 2 x scan key A104 additional: 16 keys (0-9/ABC, Backspace, Shift, Scan key, */#, Enter, Function key)
Status indicators	Charge LED
Operating temperature	-10° C - +50° C
Storage temperature	-30° C - +70° C
Humidity	95%, non-condensing
Sealing	IP65
Drop resistance	1.2 m certified to MIL-STD-810G
System features	
Operating system	Android 9 AOSP, Android 9 with Google Mobile Services (GMS)*
Processor	Qualcomm Snapdragon 625 Octa-Core max. 2.0 GHz
System memory	64 GB eMMC SSD
Working Memory	4 GB
Display	■ A104: 4" IPS display, 400x800 IPS resolution, 400 cd/m2 brightness ■ A105: 5" IPS display, 1280x720 IPS resolution, 330 cd/m2 brightness
Touchscreen	Robust capacitive multi-touch screen (10 touch points); Corning Gorilla Glass 3
I/O	1 x USB C, 1 x 3.5mm headset port, 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	Dual Band 802.11ac Wave 2, 802.11a/b/g, 802.11n
WWAN	X9 LTE 4G+ (up to 300 Mbps download and 150 Mbps upload); WCDMA (DB-DC-HSDPA, DC-HSUPA), TD-SCDMA, CDMA 1x, EV-DO, GSM/EDGE, Qualcomm® Snapdragon™ All Mode, LTE TDD, LTE FDD, LTE Broadcast, VoLTE, VoWiFi
Bluetooth	4.1 BLE

* = only Scoria A105

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, 1 x headset jack
Camera	13 MP (rear) with LED flash
Other Specifications	
Position Detection	GPS, GLONASS, Assisted GPS, OTDOA (LTE-based positioning); Advanced Location Features: Sensor-assisted navigation, Low-power geofencing and tracking, Pedestrian navigation
Sensors	Proximity sensor, Brightness sensor, Compass, Gravity sensor, Tilt sensor
Security	AES accelerator, Fingerprint sensor*; Haven security platform, Content protection, Device lock authentication, Processor security
Supplied accessories	Power adapter, USB-C cable
Optional accessories	See accessories catalog
Warranty	Standard 2 years

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