



Memor K

Handheld Mobile Computer

The Memor K mobile computer is the perfect pocketable business companion for any data capture application, from assisted sales to the shop floor, or back-end receiving to the warehouse. It might be small in size, but it's very large in technology and featuring Android 9 with 4-inch display.



FEATURES



- Ultra-Ergonomic, compact and robust
- 4 inch capacitive multi-touch display with Dragontrail™ hardened glass
- Android 9 with 2 GHz, Quad/Octa CPU with 3 GB RAM / 32 GB Flash
- Backlit 24 key rubber keyboard
- Replaceable 3,800 mAh Li-Ion Battery
- Ruggedized with drop resistance to 1.2 m / 4 ft to concrete and IP54 sealing
- Powerful Wi-Fi including the latest 802.11ac standard
- Bluetooth® v5 short range wireless technology and BLE
- NFC for proximity communications
- Rear camera with auto focus, 8 MP with flash LED

MEMOR K TECHNICAL SPECIFICATIONS



WIRELESS COMMUNICATIONS

Local Area Network (WLAN)	IEEE 802.11 a/b/g/n/ac/d/e/i/w; Frequency range: 2.4 GHz and 5 GHz bands
Personal Area Network (WPAN)	Bluetooth wireless technology v5 (Classic Bluetooth wireless technology and BLE)
NFC Communication	Support for the following standards: ISO14443-4 (type-A, type-B); ISO15693; Mifare; Felica

DECODING CAPABILITY

1D / Linear Codes	Auto discriminates all standard 1D codes including GS1 DataBar™ linear codes.
2D Codes	Aztec Code, Data Matrix, HanXin Code, MaxiCode, MicroQR Code, QR Code, EAN/JAN Composites, UPC A/E Composites
Postal Codes	Australian Post, Japan Post, British Post; China Post; IMB, Korea Post, KIX Code, PLANET, POSTNET, Royal Mail Code (RM4SCC)
Stacked Codes	Micro-PDF417, MacroPDF, PDF417, GS1 DataBar Composites, GS1 DataBar Expanded Stacked, GS1 DataBar Stacked, GS1 DataBar Stacked Omnidirectional

ELECTRICAL

Battery	Removable battery pack 3800 mAh with rechargeable Li-Ion batteries
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ENVIRONMENTAL

Drop Resistance	Withstands 18 drops from 1.2 m / 4 ft to concrete Device with rubber boot: withstands 18 drops from 1.5 m / 5 ft to concrete.
Tumbles	Device: exceeds 400 hits at 0.5 m (200 cycle) Device with rubber boot: exceeds 600 hits at 0.5 m (300 cycle)
Water Sealing	IP54

SENSORS

Accelerometer	3-Axis accelerometer to detect orientation
Ambient Light	Auto adjusts display backlight
Proximity	Auto deactivates display when close to face

INTERFACES

Interfaces	USB-C: High Speed USB 2.0 OTG
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PHYSICAL CHARACTERISTICS

Dimensions	16.0 x 7.1 x 1.7 cm / 6.2 x 2.7 x 0.66 in
Display	4 inch WVGA resolution 800 x 480; LED backlight; Touch Screen: 5 points multi-touch capacitive panel with Dragontrail hardened glass
Keys	Backlighting 24 keys rubber keyboard, plus two side scan keys and two programmable side keys

READING PERFORMANCE

Camera	Resolution: 8 MP; Illumination: LED flash; Lens: Auto focus
Scan Engine	2D Ultra slim area imager (supports 1D / 2D codes); Datalogic's 'Green Spot' for good-read feedback; Resolution: VGA (640 x 480 pixels)
Minimum Element Width	1D Linear: 0.101 mm / 4 mils; PDF417: 0.167 mm / 6.6 mils; Data Matrix: 0.190 mm / 7.5 mils

SOFTWARE

Applications	Datalogic's SoftSpot technology for configurable soft triggers
Provisioning	QR Code enrollment
Maintenance	Scan2Deploy Studio, DXU
Development	Java, Cordova and Xamarin SDK available

SYSTEM

Expansion Slots	Micro-SD card slot: Compatible with Micro SD-HC cards, up to 64 GB; User-accessible
Memory	System RAM: 3 GB; eMMC Flash: 32 GB
Microprocessor	2 GHz Octa-core
Operating System	Android 9
Real-Time Clock	Time and date stamping under software control

ACCESSORIES

Base Stations/Chargers

Memor K Single Slot Dock



Miscellaneous

Memor K Belt Holster
Memor K Rubber Boot

