

MEMOR™ 11 FAMILY OF MOBILE COMPUTERS

Optimized performance and flexibility in a market-proven design



FLEXIBILITY TAILORED FOR YOUR WORKFORCE

The Memor 11 family is designed to provide a versatile solution for today's mobile workforce. With an up-to-date operating system and enhanced processing capabilities, this family of devices deliver superior scanning performance and all-around efficiency. Whether you require flexibility in Retail, Warehouse, Manufacturing, or Transportation & Logistic applications, the Memor 11 family is built to meet your needs. Choose between Wi-Fi only or Wi-Fi/Cellular models to always be connected within your premises or wherever you go.

RUGGED AND COMPACT DESIGN IN AN ENTERPRISE-GRADE FORM FACTOR

The market-proven, semi-rugged, and compact design of the Memor 11 follows the highly successful Memor 10 and can withstand more tumble hits than most comparable devices in the market.

ADVANCED BATTERY MANAGEMENT AND WIRELESS CHARGING

Agile performance due to its long-lasting swappable battery and embedded SafeSwap™ Technology which ensures uninterrupted continuity. Its effective wireless charging system provides ultra-reliable contactless charging that helps reduce maintenance and promotes efficient charging.

IMPROVED SCANNING PERFORMANCE

Heighten scanning performance in dark warehouse environments with the high-end 2D scan engine, plus increased accuracy and efficiency when paired with Datalogic's exclusive 'Green Spot' Technology in scan-intensive settings.

ENTERPRISE-READY SOLUTION; A SECURE INVESTMENT

Certified as an Android™ Enterprise Recommended device with fortified security and privacy settings of Android 11, plus the benefits of Google Mobile Services.

FEATURES

- Dedicated Wi-Fi Only and Wi-Fi/Cellular models
- Market-proven design, compact and robust
- Superior processing capabilities + 4GB of RAM
- 5-inch capacitive multi-touch HD display
- Android 11 with Google Mobile Services (upgradeable to Android 13+)
- Ultra-slim 2D imager enhanced for dark environment performance + Datalogic's exclusive 'Green Spot' technology for visual good-read feedback
- Ultra-reliable swappable battery with SafeSwap™ capability and Smart Battery Management
- Contactless wireless charging helps reduce maintenance costs and promotes proper charging of the device
- Chemical resistant enclosure designed to withstand daily cleaning with harsh disinfectant solutions
- Backward compatible with all existing Memor 10 accessories
- Access to full suite of value-added Datalogic Software Applications Tools
- EASEOFCARE Service Plans and Datalogic Shield to extend lifecycle and extend years of protection on the device.

INDUSTRY - APPLICATIONS

- **Retail:**
 - Assisted sales
 - Inventory Management
 - Markdowns / Markups
 - Shelf Replenishment
 - Online Order Fulfillment
 - BOPIS / BORIS
 - Access control / Ticketing
 - Hospitality: Order taking
- **Warehouse & Manufacturing:**
 - Inbound / Outbound Logistics
 - Sort, Pick, and Pack
 - Shipping / Receiving
 - Production & Quality Control
 - Inventory Management
 - Track & Trace
 - Intralogistics
- **T&L:**
 - Field Service / Maintenance
 - Deliveries / DSD
 - Route accounting / Order processing
 - Proof of Delivery / Damage
 - Workforce management

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TECHNICAL SPECIFICATIONS

WIRELESS COMMUNICATIONS

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|--|---|
| Local Area Network (WLAN) | IEEE 802.11 a/b/g/n/ac and 802.11 d/h/i/k/r/v/w; Wi-Fi alliance Certification; WPA3 (Personal and Enterprise) |
| Personal Area Network (WPAN) | Class 2, Bluetooth® V5.0, Low Energy (BLE) Support |
| NFC Communication | Support for the following standards: ISO14443-4 (type-A, type-B); ISO15693; Mifare; Felica |
| WWAN Cellular | LTE-Advanced / 4G+; Cat 6 • EMEA and ROW Configuration: GSM: Quad band; WCDMA: B1/5/8; FDD_LTE: B1/3/5/7/8/20/28; TDD_LTE: B38/39/40/41 • North America Configuration (PTCRB certified): GSM: Quad band; WCDMA: B1/2/4/5/8; FDD_LTE: B2/4/5/7/12/13/17/25/26/28 |
| Only applies to Wi-Fi/Cellular Model | |
| Global Positioning System (GPS) | Integrated Assisted-GPS (A-GPS) Supported Types: GPS, GLONASS, BeiDou |

DECODING CAPABILITY

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| 1D / Linear Codes | Auto discriminates all standard 1D codes including GS1 DataBar™ linear codes. |
| Digital Watermark Codes | Digimarc® Barcode |
| 2D Codes | Aztec Code, Data Matrix, HanXin Code, MaxiCode, MicroQR Code, QR Code, Dotcode |
| Postal Codes | Australian Post, Japan Post, KIX Code, PLANET, POSTNET, Royal Mail Code (RM4SCC), USPS Intelligent Mail |
| Stacked Codes | Micro-PDF417, PDF417, GS1 Composite, GS1 DataBar Expanded Stacked, GS1 DataBar Stacked, GS1 DataBar Stacked Omnidirectional, OCR (ID Cards, Passport) |

ELECTRICAL

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|--------------------------|---|
| Battery | Replaceable battery pack with rechargeable Li-Ion batteries; 3.8 V; 4,100 mAh (15.6 Watt-hours) |
| Wireless Charging | 10 Watt fast charging |

ENVIRONMENTAL

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| Drop Resistance | Withstands drops from 1.5 m / 5.0 ft onto concrete (with rubber boot); Withstands drops from 1.2 m / 4.0 ft onto concrete (without rubber boot). Tested onto steel/ concrete according to IEC 68-2-32 Method 2 and MIL STD 810G Transit drop test. |
| Tumbles | Withstands 1000 hits from 0.5 m / 1.6 ft and 250 hits from 1.0 m / 3.2 ft per IEC 600-2-32 with rubber boot; Withstands 600 hits from 0.5 m / 1.6 ft per IEC 600-2-32 without rubber boot |
| Particulate and Water Sealing | IP65 |
| Chemical Resistance | Chemical cleanser and industrial oil resistant |
| Healthcare Cleanable | Isopropyl Alcohol, Hydrogen Peroxide, Clorox® Bleach; applicable for both the device and docks |
| Temperature | Operating: -20 to 50 °C / -4 to 122 °F Storage/Transport: -30 to 70 °C / -22 to 158 °F |

INTERFACES

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| Interfaces | USB-C: High Speed USB 2.0 Host and Client |
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SENSORS

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| Vibration | Software programmable for duration and intensity |
| Magnetometer | Senses orientation (eCompass) |
| Accelerometer | 3-Axis accelerometer to detect orientation |
| Gyroscope | Senses angular velocity on WWAN models only |
| Ambient Light | Auto adjusts display backlight |
| Proximity | Auto deactivates display when close to face |

PHYSICAL CHARACTERISTICS

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|-------------------|---|
| Dimensions | 15.5 x 7.8 x 1.87 cm / 6.1 x 3.07 x 0.73 in |
| Display | 5 inch IPS HD resolution 720 x 1280; LED backlight; Touch Screen: 5 points multi-touch capacitive panel with Dragontrail hardened glass |
| Keys | Physical Keys: 2 side scan keys; Power On/Off; Volume Up/Down; 3 user programmable Android™ keys |
| Weight | With Battery: 285.0 g / 10.0 oz |

READING PERFORMANCE

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| Camera | Resolution: 13 megapixel; Illumination: User controllable LED flash; Lens: Auto focus |
| Scan Engine | 2D Ultra slim area imager (supports 1D / 2D codes); Datalogic's 'Green Spot' for good-read feedback; Halogen™ DE2102-HP; Depth of Field: 4 to 90 cm / 1.6 to 35 in, depending on bar code density and type; Resolution: Megapixel (1280 x 800 pixels); Illumination: White and Red LEDs (for Digimarc); Aiming: 650nm VLD; Field of View: 42°H x 26°V |
| Print Contrast (Minimum) | 25% |

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| Minimum Element Width | Halogen™ DE2102-HP: 1D Linear: 0.0635 mm / 2.5 mils; PDF: 0.0762 mm / 3 mils; Data Matrix: 0.152 mm / 6 mils |
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SAFETY & REGULATORY

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| Agency Approvals | The product meets necessary safety and regulatory approvals for its intended use. |
| Environmental Compliance | Complies to EU RoHS |

SOFTWARE


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| Applications | Datalogic's SoftSpot technology for configurable soft triggers; Supports Datalogic's Queue Busting app; Enterprise class PTT available from Zello |
| Provisioning | Android Zero-Touch, QR Code enrollment, NFC Bump provisioning |
| Configuration and Maintenance | Scan2Deploy Studio, OEMConfig |
| Software Maintenance | Datalogic Shield: recurring security patches, firmware updates, and OS upgrades. |
| Development | Java, Cordova and Xamarin SDK available |
| MDM Compatibility | SOTI MobiControl, VMWare AirWatch, Ivanti Avalanche, 42Gears SureMDM, Microsoft Intune |
| Terminal Emulation Compatibility | StayLinked SmartTE, Ivanti Velocity |

SYSTEM

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|-------------------------|---|
| Expansion Slots | Micro-SD card slot: Compatible with Micro SD-HC cards; Data transfer up to 48 Mbps; User-accessible |
| SIM Slot | MicroSIM Standard size |
| Memory | System RAM: 4 GB; eMMC Flash: 32 GB |
| Microprocessor | 2 GHz Octa-core |
| Operating System | Android v11 with GMS / AER (Upgradeable to Android 13+) |
| Real-Time Clock | Time and date stamping under software control |

WARRANTY

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| Warranty | 1-Year Factory Warranty |
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Skontaktuj się z nami, aby uzyskać więcej informacji:

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ACCESSORIES



94A150095 Single Slot Charging Dock

94A150096 3-Slot Charging Dock

94ACC0192 4-slot Battery Charging Dock

Ethernet Adaptors (Single: 94ACC0297 / Triple: 94ACC0288)

94A150097 Vehicle Charging Dock

94ACC0201 Scan Trigger Handle

94ACC0193 Protective Boot

DLR-SLED01-EU RFID Reader Sled