

Product Description

Product Bulletin: April 15, 2020

Expected General Availability:

EU: April 30, 2020

Product: Memor™ 20

Expected Public Announcement:

NA: May 15, 2020

April 30, 2020

MEMOR™ 20 PDA SUPERCHARGE YOUR WORKFORCE

OVERVIEW

Datalogic is pleased to announce the new Memor 20 mobile computer: the best-in-class PDA born to face the toughest Enterprise challenges!

Verticals including Retail, Transportation & Logistics, Manufacturing, and Healthcare will benefit from the superior performance of this state-of-the-art Android™-based full-touch PDA. The Memor 20 PDA is designed to support multiple applications in various environments, from Retail Stores to Manufacturing Plants, from Warehouses to Field Mobility, from Hospitals to Home care.

Memor 20 brings the power and performance of a smartphone with the user-friendly experience of Android in an appealing and compact design with a stunning 5.7" full HD display bundled with a novel secondary notification display, a premium-class integrated 2D imager, front and rear cameras, integral biometrics, and a full suite of wireless technologies for empowering applications inside and outside the four walls.

This innovative device, designed and developed to be Enterprise-ready, also incorporates Datalogic's industry-first wireless charging system for ultra-reliable contactless charging, paired with a 1-piece swappable battery for the best operational advantage.

Memor 20 is provided with a top class octa-core Qualcomm platform well exceeding Enterprise support and lifecycle requirements, featuring Android 9 (Pie) with GMS – and endorsed by Google, which has validated Memor 20 as an 'Android Enterprise Recommended' rugged device!



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TARGET INDUSTRY APPLICATIONS

INDUSTRY	SUB-INDUSTRY	BUSINESS PROCESSES / APPLICATIONS
Retail Store	Grocery, Non-Food	Assisted Sales, Manager Device / Workforce Management, Mobile POS, Price Check, Merchandising
Back Office / Warehouse		Inventory, Shipping/Receiving, Picking
Transportation and Logistics	Courier, Postal, 3PL	Delivery / Proof of Delivery and Pickup, DSD and Route Accounting, Workforce Management, Location Services, Courier Value-added Services
Manufacturing		Work Order Management, Quality Control & Traceability, Intra-logistics, Field Service including Technical Documentation / Schematics
Healthcare	Hospital, Labs	Bedside Point-of-Care, Meds Verification / Dispensing, Home-care Services

FEATURES AND BENEFITS

PRODUCT FEATURES	BENEFITS FOR CUSTOMER
POWERFUL AND STATE-OF-THE-ART	The high performance octa-core 2.2 GHz Qualcomm processor with 4GB RAM used in the Memor 20 easily support the most power-hungry mobile applications. Moreover, it ensures the necessary support and availability in order to match the most demanding requirements of Enterprise applications.
UBIQUITOUS WIRELESS	Memor 20 is enabled with the most comprehensive suite of relevant wireless technologies – from NFC to the latest Bluetooth® standard v5 to 802.11ac Wi-Fi with MIMO technology, to LTE-Advanced for cellular networks and outdoor mobility. Equipped with dual SIM for constant mobile connectivity!
WIRELESS CHARGING MEETS SWAPPABLE BATTERY	The mobile market is going wireless! Wireless charging is now widespread everywhere and Datalogic has been the first company in the rugged industry to implement this new technology with proven best-in-class reliability, eliminating the need for cleaning contacts on the device and docks. Memor 20 follows on the heels of the recently introduced Memor 10 – the industry’s first devices to pair wireless charging technology with a one-piece swappable battery, thus allowing the best operational advantages 24/7.

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PRODUCT FEATURES	BENEFITS FOR CUSTOMER
BEST-IN-CLASS DISPLAY AND DATA CAPTURE	<p>The Memor 20 PDA sports a smartphone-like form factor, with a stunning 5.7" 18:9 ratio full HD display. Moreover, a 2nd display on the top of the device enables users to immediately see a preview of incoming notifications, improving both user experience and productivity for multitasking environments.</p> <p>The embedded Datalogic 2D ultra-slim imager – with Datalogic’s patented ‘Green Spot’ technology for good-read confirmation – is the thinnest on the market, being specifically designed and developed by Datalogic for small form factor devices.</p> <p>Front and rear hi-resolution auto-focus cameras enable versatile image and video capture for demanding multi-media applications.</p>
EXTREMELY RUGGED WHILE STILL SLEEK AND COMPACT	<p>Memor 20 is an extremely rugged device, tested against repeated 1.8 m / 6 ft drops to concrete, a robust tumble spec, and IP67 sealing. All while achieving very sleek and compact styling.</p>
ANDROID ENTERPRISE RECOMMENDED	<p>The Memor 20 implements Android 9 mobile OS for Enterprise – supporting GMS (Google Mobile Services) suite for Google applications and APIs. It is a top-class rugged PDA in the industry and belongs to the Google AER program, supporting a curated list of elevated enterprise requirements as specified by Google in terms of hardware, software and support.</p>
BIOMETRIC SECURITY	<p>Memor 20 offers an industry leading, front facing Fingerprint sensor for secure authentication.</p>
SMART DOCKS	<p>Memor 20 Smart docks offer a unique locking function that secures the device to avoid unauthorized use, loss or theft. With the Datalogic Smart Dock, you can auto-configure the device based on the user profile and lock or unlock under programmatic control. Wired data transfer is also available on all smart docks to meet the needs of those who require USB or Ethernet communication on the docks.</p>
BULLET PROOF SECURITY	<p>Datalogic Shield™ is the Software Service from Datalogic that extends the lifecycle of our Android products, offering our customers years of protection on their rugged device investment. Offering includes:</p> <ul style="list-style-type: none"> • Recurring Android security patches on a regular basis • Minimum of 2 Android major version upgrades • 1-year patch support for prior versions for a smooth transition • Regular firmware updates providing incremental improvements and bug fixes <p>Datalogic Shield is included with all EASEOFCARE contracts for Memor 20. Datalogic Shield is also available for purchase as a ‘software-only’ contract.</p>

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PRODUCT INFORMATION

PART NUMBER	DESCRIPTION	AVAILABILITY
DEVICES		
944800003	Memor 20 Full Touch PDA, Wi-Fi, Ultra-slim 2D Imager w Green Spot, Android v9 with GMS, Black Color (includes Battery, USB cable, Hand strap Light)	April 30, 2020
944800004	Memor 20 HC Full Touch PDA, Wi-Fi, Ultra-slim 2D Imager w Green Spot, Android v9 with GMS, White Color (includes Battery, USB cable, Hand strap Light)	April 30, 2020
944800006	Memor 20 Full Touch PDA, EMEA+ROW, Wi-Fi + LTE, Ultra-slim 2D Imager w Green Spot, Android v9 with GMS, Black Color (includes Battery, USB cable, Hand strap Light)	April 30, 2020
944800007	Memor 20 Full Touch PDA, NA, Wi-Fi + LTE, Ultra-slim 2D Imager w Green Spot, Android v9 with GMS, Black Color (includes Battery, USB cable, Hand strap Light)	May 15, 2020
ACCESSORIES – DOCKS		
94A150099	Dock, Single Slot, Charge Only, Memor 20, Black Color (USB cable included, requires power supply 94ACC0249 to be purchased separately)	April 30, 2020
94A150100	Dock, Single Slot, Full (Locking + USB), Memor 20, Black Color (1 x Unlock key, 1 x USB/Ethernet plug-in Black Color included; requires power supply 94ACC0250 and power cord to be purchased separately)	May 15, 2020
94A150101	Dock, Single Slot, Charge Only, Memor 20 HC, White Color (USB cable included, requires power supply 94ACC0249 to be purchased separately)	April 30, 2020
94A150102	Dock, Single Slot, Full (Locking + USB), Memor 20 HC, White Color (1 x Unlock key, 1 x USB/Ethernet plug-in White Color included; requires power supply 94ACC0250 and power cord to be purchased separately)	May 15, 2020
94A150103	Dock, Triple Slot, Charge Only, Memor 20, Black Color (requires power supply 94ACC0250 and power cord to be purchased separately)	April 30, 2020
94A150104	Dock, Triple Slot, Full (Locking + Ethernet), Memor 20, Black Color (1 x Unlock key, 3 x USB/Ethernet plug-in Black Color included; requires power supply 94ACC0250 and power cord to be purchased separately)	May 15, 2020
94A150105	Vehicle Dock, Memor 20, Black Color (Includes 12/24V CLA adapter; requires Rubber Boot 94ACC0247 mounted on the device)	April 30, 2020

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ACCESSORIES – CASES/HOLSTERS		
94ACC0247	Rubber Boot, Memor 20, Black Color (Includes Full Hand strap)	April 30, 2020
94ACC0248	Holster for Memor 20, contains belt clip (compatible with all configurations including with or without Rubber Boot and with or without Pistol Grip)	April 30, 2020
94ACC0253	Attachable Pistol-Grip Handle, Memor 20, Black Color (requires Rubber Boot 94ACC0247, includes a lanyard)	April 30, 2020
ACCESSORIES – POWER SUPPLIES/CORDS		
94ACC0249	Power Supply Quick Charge 3A - 18W, USB, Device/Dock, MEMOR 20 (includes 4 regional plugs; suitable to charge Device and power 94A150099 Single Slot Dock Light)	April 30, 2020
94ACC0250	Power Supply 90W, 4pin, Docks & Chargers, MEMOR 20 (power cord to be purchased separately)	April 30, 2020
94ACC0256	Power Adapter Quick Charge 3A, 12/24VDC CLA, Memor 20 (Cigarette Lighter Adapter) (included with Vehicle Dock 94A150105)	April 30, 2020
95ACC1113	POWER LINE CORD, 3-PIN IEC C13, USA	Currently Available
95ACC1213	POWER LINE CORD, 3-PIN IEC C13, UK	Currently Available
95A051041	POWER LINE CORD, 3-PIN IEC C13, EU	Currently Available
95ACC1215	POWER LINE CORD, 3-PIN IEC C13, AUSTRALIA	Currently Available
ACCESSORIES – BATTERIES/BATTERY CHARGER / HANDSTRAPS		
94ACC0246	CHARGER, 4 SLOT BATTERY, Memor 20, Black Color (requires power supply 94ACC0250 and power cord to be purchased separately)	April 30, 2020
94ACC0245	Battery 4100 mAh, Standard, Memor 20, Black Color (included with device)	April 30, 2020
94ACC0255	Battery 4100 mAh, HealthCare, Memor 20, White Color (included with device)	April 30, 2020
94ACC0251	Hand strap Light, Memor 20, Black Color, 5 PCS (included with device)	April 30, 2020
94ACC0252	Hand strap Full, Memor 20, Black Color, 5 PCS (included with Rubber Boot 94ACC0247)	April 30, 2020
94ACC0254	Hand strap Light, Memor 20 HealthCare, White Color, 5 PCS (included with device)	April 30, 2020

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ACCESSORIES – MISCELLANEOUS		
94ACC0075	RAM Mount for Vehicle Dock (fits both the vehicle holders for Memor10 and Memor20); Mfg. P/N: KIT RAM-B-138U	Currently Available
94ACC0257	USB-to-Pogo Dongle plug-in for Ethernet and USB connections, Memor 20, Black Color, 3PCS (included with all Full docks)	April 30, 2020
94ACC0258	USB-to-Pogo Dongle plug-in for Ethernet and USB connections, Memor 20 HealthCare, White Color, 3PCS (included with all Full docks)	April 30, 2020
94ACC0298	Screen protector, Memor 20 (5pcs)	April 30, 2020
94ACC0302	Unlock Keys for Full Docks, Memor 20, 3PCS (included with all Full docks)	April 30, 2020
94ACC0303	Mounting Plate, 3 SLOT DOCK, MEMOR 20 (suitable for both wall or table mount)	April 30, 2020
94ACC0304	Mounting Plate, SINGLE SLOT DOCK, MEMOR 20 (suitable for both wall or table mount)	April 30, 2020
94ACC0305	Mounting Plate, 4 SLOT BATTERY CHARGER, MEMOR 20 (suitable for both wall or table mount)	April 30, 2020
94A050046	Cable from USB-C (Memor 20 PDA) to female USB type A. Device can work as host and client. 1.2 m straight (included with device)	April 30, 2020

DEMO KITS

Datalogic is introducing some promotional kits bundling the Memor 20 device together with its Single-Slot Dock, Power Supply, Handle and Rubber Boot. Such kits offer an 'All-In-One' solution for Datalogic partners and customers, providing an alternative for promotional and sales activities.

PART NUMBER	DESCRIPTION	AVAILABILITY
944800009	Memor 20 Kit LTE EMEA + ROW GMS, includes: <ul style="list-style-type: none"> • 944800006 Memor 20 Full Touch PDA • 94A150099 Dock, Single Slot, Charge only, Memor 20 • 94ACC0249 POWER SUPPLY USBC, DEVICE/DOCK, MEMOR 20 • 94ACC0247 Rubber Boot, Memor 20 	May 22, 2020
944800010	Memor 20 Kit Wi-Fi GMS, includes: <ul style="list-style-type: none"> • 944800003 Memor 20 Full Touch PDA • 94A150099 Dock, Single Slot, Charge only, Memor 20 • 94ACC0249 POWER SUPPLY USBC, DEVICE/DOCK, MEMOR 20 • 94ACC0247 Rubber Boot, Memor 20 • 94ACC0253 Attachable Pistol-Grip Handle, Memor 20 	May 22, 2020
944800011	Memor 20 Kit LTE NA GMS, includes: <ul style="list-style-type: none"> • 944800007 Memor 20 Full Touch PDA • 94A150099 Dock, Single Slot, Charge only, Memor 20 • 94ACC0249 POWER SUPPLY USBC, DEVICE/DOCK, MEMOR 20 • 94ACC0247 Rubber Boot, Memor 20 	May 22, 2020

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TRAINING INFORMATION

A new Datalogic Training Center course is available for the Memor 20. The Training Center provides a self-paced, online training program, covering the functions, features and competitive advantages of the Memor 20 device. To access the Training Center, visit this link: <http://training.datalogic.com>.

PROMOTIONAL PROGRAM

We strongly invite you to use all the promotional tools at your disposal to introduce the Memor 20 PDA in the market and increase the Datalogic brand awareness.

A Marketing Campaign has been started in January of 2020 and will continue for the entire year:

- Advertising campaign: Video: YouTube push, DEM worldwide, Linked-In, Magazines, Web Portals
- Visual and video in exhibitions during 2020
- Special demo display exhibitions during 2020

The following Sales Tools will be available:

- **Standard Launch Pack:**
 - Press Release
 - Product Description, Product Overview, Target Applications
 - Data Sheet, Technical Documentation, Video Tutorials
 - Web marketing pack
 - Web site page, Banners
 - Extranet, Intranet and Social media update
- **Promotional Tools:**
 - Technical and Promotional Video, Product and Application photos
 - Gadgets
- **Demos for Exhibitions:**
 - Special interactive kiosk for main shows
 - Memor Island at shows and partner meetings

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EASEOFCARE CONTRACTS

Datalogic's Customer Service Organization offers a wide and complete range of post-sales services (EASEOFCARE Agreements), organized in three levels of support.

PART NUMBER	DESCRIPTION	AVAILABILITY
EASEOFCARE CONTRACTS - DEVICE		
ZSN5MEM2031	MEMOR 20, 5 DAYS, 3 YEARS	April 30, 2020
ZSN5MEM2051	MEMOR 20, 5 DAYS, 5 YEARS	April 30, 2020
ZSN5MEM20R1	MEMOR 20, 5 DAYS, RENEWAL	April 30, 2020
ZSC2MEM2031	MEMOR 20, 2 DAYS, 3 YEARS, COMPREHENSIVE	April 30, 2020
ZSC2MEM2051	MEMOR 20, 2 DAYS, 5 YEARS, COMPREHENSIVE	April 30, 2020
ZSC2MEM20R1	MEMOR 20, 2 DAYS, RENEWAL, COMPREHENSIVE	April 30, 2020
ZSC2MEM203B	MEMOR 20, 2 DAYS, 3 YEARS, COMP, BATT	April 30, 2020
ZSC2MEM205B	MEMOR 20, 2 DAYS, 5 YEARS, COMP, BATT	April 30, 2020
ZSC2MEM20RB	MEMOR 20, 2 DAYS, RENEWAL, COMP, BATT	April 30, 2020
ZSC1MEM2031	MEMOR 20, OVERNIGHT, 3 YEARS, COMPREHENSIVE	April 30, 2020
ZSC1MEM2051	MEMOR 20, OVERNIGHT, 5 YEARS, COMPREHENSIVE	April 30, 2020
ZSC1MEM20R1	MEMOR 20, OVERNIGHT, RENEWAL, COMPREHENSIVE	April 30, 2020
ZS0SMEM20SHA1	MEMOR 20, DATALOGIC SHIELD, ANNUAL	April 30, 2020
ZS0SMEM20SH21	MEMOR 20, DATALOGIC SHIELD, 2 YEARS	April 30, 2020
ZS0SMEM20SH31	MEMOR 20, DATALOGIC SHIELD, 3 YEARS	April 30, 2020
EASEOFCARE CONTRACTS – Single Slot Docks		
ZSN5MEM201S31	MEMOR 20 1S DOCK EOC, 5 DAYS, 3 YEARS	April 30, 2020
ZSN5MEM201S51	MEMOR 20 1S DOCK EOC, 5 DAYS, 5 YEARS	April 30, 2020
ZSN5MEM201SR1	MEMOR 20 1S DOCK EOC, 5 DAYS, RENEWAL	April 30, 2020
ZSC2MEM201S31	MEMOR 20 1S DOCK EOC, 2 DAY, COMP, 3 YR	April 30, 2020
ZSC2MEM201S51	MEMOR 20 1S DOCK EOC, 2 DAY, COMP, 5 YR	April 30, 2020
ZSC2MEM201SR1	MEMOR 20 1S DOCK EOC, 2 DAY, COMP, RNWL	April 30, 2020
ZSC1MEM201S31	MEMOR 20 1S DOCK EOC, OVNT COMP, 3 YEAR	April 30, 2020
ZSC1MEM201S51	MEMOR 20 1S DOCK EOC, OVNT COMP, 5 YEAR	April 30, 2020
ZSC1MEM201SR1	MEMOR 20 1S DOCK EOC, OVNT COMP, RENEW	April 30, 2020

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EASEOFCARE CONTRACTS – Triple Slot Docks		
ZSN5MEM203S31	MEMOR 20 3S DOCK EOC, 5 DAYS, 3 YEARS	April 30, 2020
ZSN5MEM203S51	MEMOR 20 3S DOCK EOC, 5 DAYS, 5 YEARS	April 30, 2020
ZSN5MEM203SR1	MEMOR 20 3S DOCK EOC, 5 DAYS, RENEWAL	April 30, 2020
ZSC2MEM203S31	MEMOR 20 3S DOCK EOC, 2 DAY, COMP, 3 YR	April 30, 2020
ZSC2MEM203S51	MEMOR 20 3S DOCK EOC, 2 DAY, COMP, 5 YR	April 30, 2020
ZSC2MEM203SR1	MEMOR 20 3S DOCK EOC, 2 DAY, COMP, RNWL	April 30, 2020
ZSC1MEM203S31	MEMOR 20 3S DOCK EOC, OVNT COMP, 3 YEAR	April 30, 2020
ZSC1MEM203S51	MEMOR 20 3S DOCK EOC, OVNT COMP, 5 YEAR	April 30, 2020
ZSC1MEM203SR1	MEMOR 20 3S DOCK EOC, OVNT COMP, RENEW	April 30, 2020
EASEOFCARE CONTRACTS – Vehicle Docks		
ZSN5MEM20VD31	MEMOR 20 V-DOCK EOC, 5 DAYS, 3 YEARS	April 30, 2020
ZSN5MEM20VD51	MEMOR 20 V-DOCK EOC, 5 DAYS, 5 YEARS	April 30, 2020
ZSN5MEM20VDR1	MEMOR 20 V-DOCK EOC, 5 DAYS, RENEWAL	April 30, 2020
ZSC2MEM20VD31	MEMOR 20 V-DOCK EOC, 2 DAY, COMP, 3 YR	April 30, 2020
ZSC2MEM20VD51	MEMOR 20 V-DOCK EOC, 2 DAY, COMP, 5 YR	April 30, 2020
ZSC2MEM20VDR1	MEMOR 20 V-DOCK EOC, 2 DAY, COMP, RNWL	April 30, 2020
ZSC1MEM20VD31	MEMOR 20 V-DOCK EOC, OVNT COMP, 3 YEAR	April 30, 2020
ZSC1MEM20VD51	MEMOR 20 V-DOCK EOC, OVNT COMP, 5 YEAR	April 30, 2020
ZSC1MEM20VDR1	MEMOR 20 V-DOCK EOC, OVNT COMP, RENEW	April 30, 2020
EASEOFCARE CONTRACTS –Battery Charger		
ZSN5MEM20BC31	MEMOR 20 B-CHARGER EOC, 5 DAYS, 3 YEARS	April 30, 2020
ZSN5MEM20BC51	MEMOR 20 B-CHARGER EOC, 5 DAYS, 5 YEARS	April 30, 2020
ZSN5MEM20BCR1	MEMOR 20 B-CHARGER EOC, 5 DAYS, RENEWAL	April 30, 2020
ZSC2MEM20BC31	MEMOR 20 B-CHARGER EOC, 2 DAY, CMP, 3 YR	April 30, 2020
ZSC2MEM20BC51	MEMOR 20 B-CHARGER EOC, 2 DAY, CMP, 5 YR	April 30, 2020
ZSC2MEM20BCR1	MEMOR 20 B-CHARGER EOC, 2 DAY, CMP, RNWL	April 30, 2020
ZSC1MEM20BC31	MEMOR 20 B-CHARGER EOC, OVNT CMP, 3 YEAR	April 30, 2020
ZSC1MEM20BC51	MEMOR 20 B-CHARGER EOC, OVNT CMP, 5 YEAR	April 30, 2020
ZSC1MEM20BCR1	MEMOR 20 B-CHARGER EOC, OVNT CMP, RENEW	April 30, 2020

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GEOGRAPHICAL AVAILABILITY

At the General Availability date, the Memor 20 PDA will be **fully certified in the following countries/regions:**

- **E.U.**
- **Australia and New Zealand**
- **U.S.A. and Canada**
 - **4G/LTE models are certified for AT&T and Verizon**

Please contact the Product Marketing Manager for other country requests and availability dates.

FOR MORE INFORMATION

Product Marketing Manager: *Andrea Pagani*
EMEA Customer Admin. Manager: *Matteo Astorri*
APAC Customer Admin. Manager: *Torres Wu*
AMERICAS Customer Admin. Manager: *Charlene Bradetich*
Technical Support L3 Manager: *Fabrizio Landi*

andrea.pagani@datalogic.com
matteo.astorri@datalogic.com
torres.wu@datalogic.com
charlene.bradetich@datalogic.com
fabrizio.landi@datalogic.com