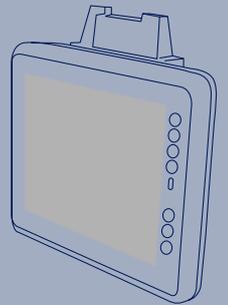


MOBILE COMPUTERS

Product Guide



MOBILE COMPUTERS

Datalogic's mobile computer product line offers a wide range of devices suitable for any kind of indoor or outdoor application. Ranging from full touch devices to keyboard devices, the Datalogic portfolio provides state-of-the-art technology and features such as wireless charging, the latest Android™ operating system and high performance scan engines. Datalogic mobile computers are available in different form factors, display sizes, keyboard combinations and operating systems to meet the most advanced needs of our customers.

Technologies

- Wireless charging
- 1D and 2D scanners
- Android and Windows Operating Systems
- Rugged enclosures
- Crystal clear color displays
- Smart docks
- Multi-Core chipsets
- Automatic staging, configuration and management software tools
- Full connectivity options for indoor and outdoor

RETAIL



MANUFACTURING



INDUSTRY APPLICATION

RETAIL

- Inventory; Mark-downs
- Shelf replenishment
- Price verification
- Assisted sales
- Self-shopping; Queue-busting
- mPOS (mobile POS)
- Picking; Put away
- Shipping & Receiving
- Cross docking



MANUFACTURING

- Quality control
- Inventory
- Warehousing
- Asset tracking



T&L

- Picking and Receiving
- Cross docking
- Warehousing
- Inventory
- Field applications



HEALTHCARE

- Bedside point of care
- Pharmacy
- Inventory
- Patient management
- Specimen collection



T&L



HEALTHCARE

MOBILE COMPUTERS

	JOYA™ TOUCH A6 HEALTHCARE / RETAIL	JOYA™ TOUCH WEC7	MEMOR™ 1
	 <p>The Joya™ Touch A6 is a state-of-the-art Android™ based mobile computer. Available and ideal for various retail applications or various healthcare and hospital applications. Available as a hand held version or pistol grip version.</p>	 <p>The Joya™ Touch is a multi-purpose device for use throughout retail to optimize your ROI. It is designed for use in Self-Shopping, Shop Floor, Access Control and more. Available as a hand held version or pistol grip version.</p>	 <p>The Memor 1 device comes with a powerful Qualcomm Snapdragon platform and features Android™ 8.1 (Oreo) with GMS. This device is available in two form factors: a hand held version resembling a rugged smartphone or a pistol grip version with a comfortable trigger.</p>
APPLICATIONS			
<i>Retail</i>	X	X	X
<i>Manufacturing</i>	X		X
<i>Transportation & Logistics</i>	X		X
<i>Healthcare</i>	X		
FEATURES			
<i>Operating System</i>	Google Android 7.1 (Nougat)	Windows Embedded Compact 7	Google Android 8.1 (Oreo) with Google Mobile Services (GMS)
<i>CPU, Processor</i>	Qualcomm SnapDragon Quadcore 1 GHz	XScale™ PXA310 @ 806 MHz	Qualcomm SnapDragon Quad-core 1 GHz
<i>Memory: RAM / ROM</i>	RAM: 2 GB; Flash: 16 GB Flash	Basic: RAM: 512 MB; Flash: 512 MB Plus: RAM: 512 MB; Flash: 1 GB	RAM: 2 GB; Flash: 16 GB
<i>Display</i>	TFT-LDC color display; FWVGA 854 x 480 px	TFT-LDC color display; FWVGA 854 x 480 px	4.3" TFT-LDC color display; FWVGA 854 x 480 px
<i>1D/Linear Codes/2D Codes/2D Imager</i>	X	X	X
<i>Wireless Charging</i>	X	X	X
COMMUNICATIONS			
<i>Local Wireless Radio (Wi-Fi, Bluetooth®)</i>	IEEE 802.11 a/b/g/n; Bluetooth® v4.0/BLE	Laird/Summit IEEE 802.11 a/b/g/n Cisco CCX v4; Bluetooth® v4.0/BLE	IEEE 802.11 a/b/g/n; Bluetooth® v4.0/BLE
<i>Wireless Wide Area Network (WWAN)</i>			
<i>Wired Communications</i>	USB 2.0 Client	USB 2.0 Client	USB 2.0 Client
OPTIONS			
<i>Keypad / Keyboard Options</i>	Fully programmable key	Fully programmable key	Fully programmable key
<i>Camera</i>	Black & White image capture via scanner		
<i>Voice Capability</i>	VoiP		VoiP
RUGGEDNESS / DURABILITY			
<i>IP Rating</i>			
<i>Drop to Concrete</i>	1.2 m / 4.0 ft	1.2 m / 4.0 ft	1.2 m / 4.0 ft; 1.5 m / 5.0 ft
<i>Operating Temperature</i>	-10 to 50 °C / 14 to 122 °F	-10 to 50 °C / 14 to 122 °F	-10 to 50 °C / 14 to 122 °F
<i>Weight</i>	Hand held 275 g / 9.7 oz Pistol grip: 305 g / 10.7 oz	Hand held 275 g / 9.7 oz Pistol grip: 305 g / 10.7 oz	Hand held: 275.0 g / 9.7 oz Pistol grip: 305.0 g / 10.7 oz

MOBILE COMPUTERS

MEMOR™ K	MEMOR™ 10	MEMOR™ 20	SKORPIO™ X4	SKORPIO™ X5
 <p>The Memor™ K mobile computer is the perfect pocketable business companion with a 4 inch display and a 2 GHz octa-core processor. Featuring Android 9 and 3 GB of memory, the light weight, thin design and backlit numeric keyboard provide for an entry level mobile computer.</p>	 <p>The Memor 10 incorporates the latest smartphone technologies and the user friendly experience of Android™ in a slim and compact design, combined with 1D/2D bar code scanning and industrial robustness for almost any indoor or outdoor environment.</p>	 <p>The Memor 20 combines a slim, compact design, a stunning 5.7" full HD display, and a unique secondary notification display with 1D/2D barcode scanning and industrial robustness for almost any indoor or outdoor environment.</p>	 <p>The Skorpio™ X4 mobile computer features a high performance architecture that offers blazing speed for legacy applications while providing an easy migration path to Android™.</p>	 <p>The Skorpio™ X5 mobile computer is rugged enough to face the toughest Enterprise challenges. Featuring Google OS Android™ 10 with GMS, the Skorpio X5 is designed for the harshest environments and has a wireless charging option.</p>
X X X X	X X X X	X X X X	X X X X	X X X X
Google Android 9 (Pie)	Google Android 8.1 (Oreo) with Google Mobile Services (GMS) and Android Enterprise Recommended (AER)	Google Android 9 (Pie) with Google Mobile Services (GMS) and Android Enterprise Recommended (AER)	Windows Embedded Compact 7 / Android v4.4	Google Android 10 with Google Mobile Services (GMS) and Android Enterprise Recommended (AER)
2.2 GHz Octa-core	2 GHz Octa-core	2.2 GHz Octa-core QualComm Snapdragon 660 2.2Ghz	TI OMAP4 @ 1 GHz	Qualcomm SD660 Octa-core 2.2 GHz
System RAM: 3 GB; eMMC Flash: 32 GB	RAM: 3 GB; Flash: 32 GB	RAM: 4 GB; Flash: 64 GB	RAM: 1 GB; Flash: 8 GB	RAM: 3 / 4 GB; Flash: 32 / 64 GB
4 inch WVGA resolution 800 x 480; LED backlight; Touch Screen: 5 points multi-touch capacitive panel with Dragontrail hardened glass	5.0" IPS; 720 x 1280 px HD resolution	5.7" LTPS in 18:9 format - FHD resolution 1080 x 2160; LED backlight Second display on top for enriched Android notifications: 0.7 inch POLED	Transflective TFT / LCD, QVGA 240 x 320 px; 3.2 in diagonal	4.3 inch TFT / Transflective LCD with 800 x 480 WVGA pixel resolution; LED backlight and integrated touch screen
X	X X	X X	X	X X
IEEE 802.11 a/b/g/n/ac/d/e/i/w; Bluetooth v5 (Classic Bluetooth wireless technology and BLE)	Bluetooth® v4.2 (Classic Bluetooth wireless technology and BLE)	IEEE 802.11 a/b/g/n/ac and 802.11 d/e/h/k/r/v/w; Bluetooth® v5.0 (Classic Bluetooth wireless technology and BLE)	TI Wi-Link 8, IEEE 802.11 a/b/g/n; Bluetooth® v4 w/BLE (Android models); Bluetooth® v2.1 + EDR (WEC7 models); MIMO	IEEE 802.11 a/b/g/n/ac and 802.11 d/e/h/i/k/r/v/w/mc IPv4, IPv6, 2x2 MU-MIMO for higher throughput and coverage Class 2, Bluetooth V5.0
	LTE-Advanced/4G+; Cat 6	LTE-Advanced/4G+; Cat 9		
USB-C: High Speed USB 2.0 OTG	USB 2.0 Client	High Speed USB 3.1 gen1 Host and Client	RS-232; USB; Ethernet	USB Type-C: USB 3.1 gen 1 Gigabit Ethernet connectivity
Backlighted 24 keys rubber keyboard, plus two side scan keys and two programmable side keys	3 programmable keys	3 Android Softkeys	50-key full alphanumeric, 38-key functional; 28-key numeric keyboard	47-key full alphanumeric, 38-key functional; 28-key numeric keyboard
Resolution: 8 MP; Illumination: LED flash; Lens: Auto focus	13 megapixel color	Rear Camera 13 MP, front camera 8 MP		Rear Camera 13 MP
	VoIP	VoIP		VoIP
IP54	IP65	IP65/67	IP64	IP65
1.2 m / 4 ft to concrete; 1.5 m / 5 ft to concrete (with rubber boot)	1.5m / 5ft	1.8 m / 6.0 ft	1.8 m / 6.0 ft	1.8 m / 6.0 ft
-20 to 50 °C / -4 to 122 °F	-20 to 50 °C / -4 to 122 °F	-20 to 50 °C / -4 to 122 °F	-10 to 50 °C / 14 to 122 °F	-20 to 50 °C / -4 to 122 °F
268 g / 9.4 oz (with battery)	285.0 g / 10.0 oz	295 g / 10.4 oz	Hand held (w/stan. battery): 388 g / 13.7 oz Pistol grip (w/stan. battery): 482 g / 17.0 oz	Hand held (w/stan. battery): 488 g / 17.2 oz Pistol grip (w/stan. battery): 600 g / 21.1 oz

VEHICLE MOUNT COMPUTERS

FALCON™ X4	RHINO II™ VEHICLE MOUNT COMPUTER	BLACKLINE SH15 / SH21	TASKBOOK
 <p>The Falcon™ X4 mobile computer features a high performance multi-core 1 GHz architecture that offers blazing speed when running Windows Embedded Compact OS and is easily upgradeable to the Android™ OS.</p>	 <p>The Rhino II™ vehicle mount computers, available in both 10" and 12" display sizes, sets the standard for ruggedness in the warehouse. Rhino II offers a choice of WEC7, WES 7, Windows 10 IoT Enterprise or Android 7.1 operating systems.</p>	 <p>The SH15 Blackline computer is a 15 inch rugged vehicle mount computer (VMC) as well as a fixed mount unit. The SH21 Blackline computer is a 21 inch industrial computer. Both are used for any industrial application.</p>	 <p>Available in two form factors of 7 inch and 10 inch with a sealed design tested to IP65 and resistant at 1.2 m /4 ft drop, the Task-Book represents the perfect rugged tablet for indoor warehouses operations.</p>
X X X X	X X X X	X X	X X X X
Windows Embedded Compact 7 / Android v4.4	WEC7, Windows Embedded Standard 7, Windows 10 IoT Enterprise 64 bit, Android 7.1	Windows Embedded Standard 7 or Windows 10 IoT Enterprise 64 bit	Windows® 10 IoT Enterprise 64-bit
TI OMAP4 @ 1 GHz	Proc. ARM 4 x 1.0 GHz; Proc. Intel E3826 2 x 1.46 GHz	Intel Atom E3845 Quad Core 1.91 GHz; Intel i5-5350U Dual Core 1.8 GHz	Intel E3826 2 x 1.46GHz
RAM: 1 GB; Flash: 8 GB	RAM: 1/2 Gb (Arm), 4 GB (Intel) Storage: 32 GB CFAST/SD Card	RAM: 4 GB (Quad Core); 16 GB (i5) Storage: 32 GB CFAST/SD Card	RAM: 4 GB
Transflective TFT / LCD, QVGA 240 x 320 px; 3.5 in diagonal	Freezer Model: 10.4 inch SVGA 800 x 600, 400 NITS; Standard Model: 10.4 inch XGA 1024 x 768, 350 NITS 12.1 inch XGA, 1024 x 768, 500 NITS	SH15 XGA 1024 x 768, 400 NITS SH21 FHD 1920 x 1080, 350 NITS	7 inch: WSVGA 1024 x 600, 420 cd/m ² ; 10 inch: WXGA 1280 x 800, 350 cd/m ²
X Including new 2D Auto Range			
TI Wi-Link 8, IEEE 802.11 a/b/g/n; Bluetooth® v4 / BLE (Android models); Bluetooth® v2.1 + EDR (WEC7 models); MIMO	Wi-Fi 802.11 a/b/g/n (2.4 & 5 GHz); Cisco CCX v4; Bluetooth® v4.0	Wi-Fi 802.11 a/b/g/n (2.4 & 5 GHz); Cisco CCX v4; Bluetooth® v4.0	Wi-Fi 802.11 a/b/g/n/ac/r; Bluetooth® v4.0
	Optional		
USB; RS-232; Ethernet	Ethernet; USB; RS-232 (5 and 12 V)	Ethernet; USB; RS-232 (5 and 12 V)	On the device: USB-C On the docking station: Ethernet; USB; RS-232
29-Key (also in functional version); 52-Key	4 programmable keys; Customizable Software Keyboards	4 programmable keys; Customizable Software Keyboards	1 programmable key; Customizable Software Keyboards
			5mpx rear camera
IP65	IP65 / IP67	IP65 / IP67	IP65
1.8 m / 6.0 ft			1.2 m / 4.0 ft
-20 to 50 °C / -4 to 122 °F	Standard Model: -20 to 50 °C / -4 to 122 °F Freezer Model: -30 to 50 °C / -22 to 122 °F	-20 to 55 °C / -4 to 131 °F	-20 to 55 °C / -4 to 131 °F
Hand held: 602.0 g / 21.4 oz Pistol grip: 668.0 g / 23.6 oz	10 in. Freezer Model: 3.4 Kg / 7.5 lb 10 in. Standard Model: 3.6 Kg / 7.9 lb 12 in. Standard Model: 4.7 Kg / 10.4 lb	SH15: 6.5 Kg / 14.3 lbs SH21: 10.8 Kg / 23.8 lbs	7 inch: 733 g / 25.8 oz 10 inch: 1044 g / 36.8 oz

SOFTWARE & TOOLS

SOFTWARE

All Datalogic CE mobile devices are pre-licensed and pre-installed with **Wavelink Avalanche®** software.

This remote device management software substantially increases productivity and lowers the Total Cost of Ownership through the centralized monitoring and control of software, firmware and configuration upgrades.

Datalogic WebSentinel Predict

Cloud-based data gathering and analytics suite

- Comprehensive battery analytics
- System health monitoring
- Integration with Datalogic WebRMA, MyOrders, and MyCases Support Tools
- Intuitive, Configurable Dashboard
- Alerts and Notifications
- Asset and User Management Features
- Multiple and Automated Device Enrollment
- Ad-Hoc and Scheduled Reports

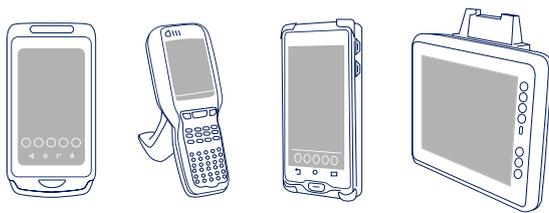


Datalogic Shield

Subscription for predictable, recurring Android software updates*:

- Includes quarterly security patches based on the Android Security Bulletins: <https://source.android.com/security/bulletin>
- Includes firmware fixes and enhancements
- Android major version (dessert) upgrades included
- Support for 2 years after device's end of sale
- 12 month transition support for prior Android versions
- Automatic customer notifications of new updates

* Subject to Datalogic Shield or Ease of Care Terms & Conditions



		Joya Touch WEC7	Joya Touch Android	Memor 1	Memor K	Memor 10	Memor 20	Skorpio X4 WEC7	Skorpio X4 Android	Skorpio X5 Android	Falcon X4 WEC7	Falcon X4 Android	Rhino II WEC7	Blackline SH15/SH21	Taskbook
DEVELOPMENT	Windows SDK	X						X			X		X		X
	Android SDK (Java, Xamarin)		X	X	X	X	X		X	X		X			
	Wavelink® Studio™							X							
TERMINAL EMULATION	Wavelink® Terminal Emulator (TE)	X				X	X	X		X	X		X	X	X
	Wavelink® Velocity		X	X		X	X		X	X		X			
	Wavelink® Velocity CE	X			X			X							
	StayLinked	X	X	X		X	X	X	X	X		X	X	X	X
MOBILE DEVICE MANAGEMENT	SOTI MobiControl	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	Wavelink® Avalanche™	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	42Gears SureMDM	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	VMWare AirWatch		X	X	X	X	X		X	X		X			
CONFIGURATION	Scan2Deploy (DXU)	X	X	X	X	X	X	X	X	X	X	X	X		
	Datalogic Configuration Utility (DCU)														
	Datalogic Firmware Utility (DFU)														
MISC.	Pal™ Application Suite							X			X				
ANALYTICS	WebSentinel™ Predict		X	X		X	X			X					



© 2018-2021 Datalogic S.p.A. and/or its affiliates. • All rights reserved. Without limiting the rights under copyright, no part of this documentation may be reproduced, stored in or introduced into a retrieval system, or transmitted in any form or by any means, or for any purpose, without the express written permission of Datalogic S.p.A. and/or its affiliates. • Datalogic and the Datalogic logo are registered trademarks of Datalogic S.p.A. in many countries, including the U.S. and the E.U. • Falcon, Joya logo and Lynx are trademarks of Datalogic S.p.A. and/or its affiliates, registered in many countries, including the U.S. and the E.U. • Memor, Rhino and Skorpio are trademarks of Datalogic S.r.l. and/or its affiliates. • SH15 Blackline and SH21 Blackline are trademarks of Soredi Touch Systems GmbH. • The Bluetooth word mark and logos are trademarks owned by Bluetooth SIG, Inc. and any use of such marks by Datalogic Group companies is under license. • Android is a trademark of Google LLC. • All other trademarks and brands are property of their respective owners. • Product specifications are subject to change without notice.
PG-MOBILE-COMPUTERS-EN Revision G 20210118

www.datalogic.com