

PRODUCT GUIDE



>Mobile
Computers



DATALOGIC
THE VISION IS YOURS

DATALOGIC MOBILE COMPUTERS

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



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



MOBILE COMPUTERS





JOYA™ TOUCH A6 HEALTHCARE / RETAIL	JOYA™ TOUCH WEC7	DL-AXIST™
		
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.	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.	The DL-Axist™ PDA is a rugged Enterprise Class PDA with Android™ technology and a brilliant 5 inch display. It is equipped with an advanced camera imager allowing quick and easy image capture from high density code.

APPLICATIONS			
Retail	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Manufacturing	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>
Transportation & Logistics	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>
Healthcare	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>
FEATURES			
Operating System	Google Android 7.1 (Nougat)	Windows Embedded Compact 7	Android v4.4.4
CPU, Processor	Qualcomm Snapdragon Quadcore 1 GHz	XScale™ PXA310 @ 806 MHz	OMAP 4430 @ 1 GHz Dual Core
Memory: RAM / ROM	RAM: 2 GB; Flash: 16 GB Flash	Basic: RAM: 512 MB; Flash: 512 MB Plus: RAM: 512 MB; Flash: 1 GB	RAM: 1 GB; eMMC Flash: 8 GB
Display	TFT-LDC color display; FWVGA 854 x 480 px	TFT-LDC color display; FWVGA 854 x 480 px	5 inch TFT HD res; 720 x 1280 px
1D / Linear Codes / 2D Codes / 2D Imager	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Wireless Charging	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
COMMUNICATIONS			
Local Wireless Radio (Wi-Fi, Bluetooth)	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	T1802.11 a/b/g/n Cisco MIMO; Bluetooth v4
Wireless Wide Area Network (WWAN)			<input checked="" type="checkbox"/>
Wired Communications	USB 2.0 Client	USB 2.0 Client	USB, Ethernet
OPTIONS			
Keypad / Keyboard Options	Fully programmable key	Fully programmable key	4 programmable keys
Camera	Black & White image capture via scanner		5 megapixel color
Voice Capability	VoiP		Cellular and VoiP
RUGGEDNESS / DURABILITY			
IP Rating			IP67
Drop to Concrete	1.2 m / 4.0 ft	1.2 m / 4.0 ft	1.8 m / 6.0 ft
Operating Temperature	-10 to 50 °C / 14 to 122 °F	-10 to 50 °C / 14 to 122 °F	-20 to 50 °C / -4 to 122 °F
Weight	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	350 g / 12.3 oz

MOBILE COMPUTERS

	MEMOR™ X3 / MEMOR™ X3 HEALTHCARE	LYNX™	SKORPIO™ X4	FALCON™ X3+
				
full touch Android™ touch screen. and 2D y data es.	The most compact and lightweight Mobile Computer in its class, ideal choice for entry-level applications and capturing 1D/Linear codes Choice of laser or linear imaging technologies. Also available in a healthcare model.	The Lynx™ PDA combines the latest technology in a pocketable and robust package. This state-of-the-art PDA features an 806 MHz processor with 256 MB Ram and 512 MB Flash.	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™.	Rugged ergonomics combine in a full featured mobile computer to provide ultimate performance in Warehousing and T&L. 1D laser and 2D imaging technologies available.
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	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Win CE 6.0 Pro; CE 6.0 Core	WEHH 6.5 with Mobile Tools	Windows Embedded Compact 7 / Android v4.4	Windows CE 6.0 Professional WEHH 6.5
Hz	XScale™ PXA310 @ 806 MHz on Win CE 6.0 Pro; 624 MHz on Win CE 6.0 Core	XScale™ PXA310 @ 806 MHz	TI OMAP4 @ 1 GHz	XScale PXA310 @ 806 MHz; Cortex-M3, 32 bit
	Flash: 512 MB; RAM: 256 MB Win CE Pro; 128 MB Win CE Core	RAM: 256 MB Flash: 512 MB	RAM: 1 GB; Flash: 8 GB	RAM: 256 MB; Flash: 1 GB
	TFT color display QVGA, 240 x 320 px; 2.4 in diagonal	TFT-LDC color display; QVGA 240 x 320 px	Transflective TFT / LCD, QVGA 240 x 320 px; 3.2 in diagonal	CE: TFT-LDC color display; QVGA 240 x 320 px; 3.5 in diagonal; WEHH: 640 x 480
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
CCX v4; v4.0	Laird/Summit IEE 802.11 a/b/g/n Cisco CCX v4; <i>Bluetooth w/EDR, Class 2</i>	Laird/Summit IEE 802.11 b/g/n Cisco CCX v4; <i>Bluetooth v2 w/EDR</i>	TI Wi-Link 8, IEEE 802.11 a/b/g/n; <i>Bluetooth v4 w/BLE (Android models); Bluetooth v2.1 + EDR (WEC7 models); MIMO</i>	Laird/Summit IEE 802.11 b/g/n Cisco CCX v4; <i>Bluetooth v2.1 with EDR</i>
		<input checked="" type="checkbox"/>		
	RS-232; USB	Micro-USB, RS-232, Ethernet	RS-232; USB; Ethernet	USB; RS-232; Ethernet
Keys	25-Key	27-Key; 46-Key	50-key full alphanumeric, 38-key functional; 28-key numeric keyboard	29-Key (also in functional version) 52-Key
		3 megapixel color		3.1 Megapixel color
		Cellular and VoIP		
	IP54	IP54	IP64	IP65
	1.2 m / 4.0 ft	1.2 m / 4.0 ft	1.8 m / 6.0 ft	1.8 m / 6.0 ft
°F	-10 to 50 °C / 14 to 122 °F	0 to 50 °C / 32 to 122 °F	-10 to 50 °C / 14 to 122 °F	-20 to 50 °C / -4 to 122 °F
	233 g / 8.2 oz Healthcare: 250 g / 8.8 oz	270 g / 9.5 oz	Hand held (w/stan. battery): 388 g / 13.7 oz Pistol grip (w/stan. battery): 482 g / 17.0 oz	Hand held: 608.0 g / 21.4 oz Pistol grip: 674.0 g / 23.8 oz

VEHICLE MOUNT COMPUTERS

	FALCON™ X4	RHINO II™ VEHICLE MOUNT COMPUTER	BLACKLINE SH15	BLACKLINE SH21
				
	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.	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.	The SH15 Blackline computer is a 15 inch rugged vehicle mount computer (VMC) as well as a fixed mount unit for use in any industrial application. It increases productivity through reduced errors during all scanning activities.	The SH21 Blackline computer is a 21 inch industrial computer designed for wall or fixed mount industrial applications. It increases productivity by allowing a high level of interaction between operators and machines.
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	<input checked="" type="checkbox"/>			
	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	Windows Embedded Standard 7 or Windows 10 IoT Enterprise
	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 Atom E3845 Quad Core 1.91 GHz; Intel i5-5350U Dual Core 1.8 GHz
	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 (Quad Core); 16 GB (i5) Storage: 32 GB CFAST/SD Card
	Transflective TFT / LCD, QVGA 240 x 320 px; 3.5 in diagonal	Freezer: 10.4 inch SVGA 800 x 600, 400 NITS; Standard: 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
	<input checked="" type="checkbox"/>			
	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 (2.4 & 5 GHz); Cisco CCX v4; Bluetooth v4.0
		Optional		
	USB; RS-232; Ethernet	Ethernet; USB; RS-232 (5 and 12 V)	Ethernet; USB; RS-232 (5 and 12 V)	Ethernet; USB; RS-232 (5 and 12 V)
	29-Key (also in functional version); 52-Key	4 programmable keys; Customizable Software Keyboards	4 programmable keys; Customizable Software Keyboards	4 programmable keys; Customizable Software Keyboards
	IP65	IP65 / IP67	IP65 / IP67	IP65 / IP67
	1.8 m / 6.0 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	6.5 Kg / 14.3 lbs	10.8 Kg / 23.8 lbs

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.

		Joya Touch WEC7	Joya Touch Android	DL-Axist	Memor X3	Lynx	Skorpio X4 WEC7	Skorpio X4 Android	Falcon X3+	Falcon X4 WEC7	Falcon X4 Android	Rhino II WEC7	Blackline SH15/SH21
DEVELOPMENT	Windows SDK	●			●	●	●		●	●		●	
	Android SDK (Java, Xamarin)		●	●				●			●		
	Wavelink® Studio™				●	●	●		●				
TERMINAL EMULATION	Wavelink® Teminal Emulator (TE)	●			●	●	●		●	●		●	●
	Wavelink® Velocity		●	●				●			●		
	Wavelink® Velocity CE						●		●				
	StayLinked	●	●	●			●	●	●		●		
MOBILE DEVICE MANAGEMENT	SOTI MobiControl	●	●	●	●	●	●	●	●	●	●	●	●
	Wavelink® Avalanche™	●	●	●	●	●	●	●	●	●	●	●	●
	42Gears SureMDM	●	●	●	●	●	●	●	●	●	●	●	●
	VMWare AirWatch		●	●				●			●		
CONFIGURATION	Datalogic xPlatform Utility (DXU)	●	●	●			●	●		●	●	●	
	Datalogic Configuration Utility (DCU)				●	●			●				
	Datalogic Firmward Utility (DFU)				●	●			●				
MISC.	Pal™ Application Suite				●	●	●		●	●		●	



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