





Datatronic		iMobile	Intermec		Janam				M3	
TagTrans LF, HF, UHF		IB-8	CK70 UHF	CN70 UHF	XM5	XM70	XT1	XT2	OX10	
										
Operating System		iWRAP firmware for controlling Bluetooth	Windows 7/8 Standard, 7 Pro, 8.1 Pro	Windows Embedded Handheld 6.5.3	Windows Embedded Handheld 6.5	Android 4.2 or Microsoft Windows Embedded Handheld 6.5	Android 4.1.2 or Microsoft Windows Mobile 6.5	Android 4.2	Android 5.x Lollipop or Windows 10	Windows Embedded Handheld 6.5 / CE 6.0
Processor		N/A	Intel® Bay Trail-M Quad	Texas OMAP 3530 600MHz	Texas OMAP 1GHz	ARM Cortex-A8 @ 1GHz	ARM Cortex-A8 CPU @1GHz	Dual-core ARM Cortex-A9 @1.5GHz	Quad-core Qualcomm MSM8916 CPU @1.2GHz	Cortex-A8 833MHz
Memory	RAM		32GB	512MB	512MB	512MB	1GB SDRAM	1GB	1GB or 8GB (WLAN)	256MB
	ROM	8MB Flash	SSD 32GB up to 256GB	1GB Flash	1GB Flash	1GB	4GB NAND	16GB	2GB/16GB (WWAN)	1GB
SD Slot		Connection to PDAs, PCs, Mobiles with Bluetooth - USB Stick, CF, SD, PC Cards or integrated Bluetooth	Micro SD	Micro	Micro	Micro SD	Micro SD	Micro SD	USB 2.0	USB
Drop Spec		N/A	47"	6ft	8ft	5ft	4ft	3ft	5 ft	6ft
Ingress Protection		IP67	IP6x (dust), IPx5 (water)	IP67	IP67	IP65	IP54	IP54	IP67	IP65
WLAN		802.11 co-existence interface	802.11 b/g/n	IEEE 802.11a/b/g/n	IEEE 802.11a/b/g/n	802.11a/b/g/n	802.11a/b/g/n	802.11a/b/g/n	802.11a/b/g/n	802.11b/g/n
PAN		BT2.1+ EDR, CE, IC and FCC	BT v3.0	BT v2.1 + EDR	BT v2.1 + EDR	BT v2.1 + EDR	BT v2.1	BT v4.0	BT v4.0	BT v2.0 + EDR
WWAN				CDMA / EVDO Rev. A	CDMA / EVDO Rev. A	Authentication: EAP or PSK. Encryption: WPA2, WPA, WEP - 40 bit and 128-bit keys	Authentication: EAP or PSK. Encryption: WPA2, WPA, WEP - 40 bit and 128-bit keys	UMTS/HSDPA/HSUPA/GSM	EDGE/GPRS/GSM; WCDMA; LT	GSM / GPRS / EDGE (2G). UMTS / HSPA+ (3.8G)
GPS		N/A	GPRS	12 channel integrated	12 channel integrated	U-Blox GPS and Assisted GPS	N/A	Yes	Qualcomm® IZat™	Integrated
Imager		1D, 2D. Only LF/HF	1D/2D	1D, 2D	1D, 2D	Choice of 1D/2D imager or 1D laser scanner	1D, 2D	1D, 2D	1D, 2D	1D / 2D
Camera		N/A	Front (2M) & rear (5M)	Option 5MP with LED flash	Option 5MP with LED flash	5MP	N/A	N/A	8.0MP rear, 2.0MP front	3.2MP
Keypads		N/A	Capacitive touch	Alpha / Alphanumeric	Numeric or QWERTY	Resistive touch	Numeric or PDA	Capacitive touch	Capacitive touch	31 key Alpha-Numeric; 50 key QWERTY
Batteries		Integrated rechargeable	DC 3.7V/ 920mAh	3.7V 5200mAh Li-ion	3.7V 4000mAh Li-ion	Li-ion 4000mAh	2400mAh or 4000mAh Li-ion	3000mAh Li-ion	Li-Ion 3000mAh (4000mAh opt.)	Li-Ion 3.7V 3,300mAh
Dimensions (mm)		49 mm dia x 225	251 x 181 x 30	23.7 x 8.0 x 4.3	16.9 x 8.0 x 3.4	156.9 x 75.6 x 25.8	30.5 x 79 x 146	200.5 x 99.3 x 14.7	155 x 83 x 24	78.6 x 165.5 x 38.9 (with UHF reader)
Weight		N/A	1.3Kg	562g	450g	305g	279g	370g	279g (293g inc MMR)	332g - 389g
Display		N/A	TFT LCD 8"	3.5" Transmissive VGA	3.5" VGA	3.5" TFT VGA	3.5" Color TFT	5.9" Color TFT WVGA	5.0" HD	3.5" VGA TFT
RFID		LF, HF, UHF	HF RFID: 13.56 MHz UHF RFID: 860~960 MHz	UHF	Integrated UHF RFID available	FCC Part 15B and 15C, RSS-210, ICES-003	Yes	Yes	Yes	Integrated

		Zebra								
		MC55 See snap-ons	MC65 See snap-ons	1117 Multi-ISO HF RFID Reader for MC55/65	1119 UHF RFID Read- er for MC55/65/67	1134 LF RFID Reader for MC55/65	MC75 HF	Workabout Pro 4 LF or HF or UHF	MC3330R Integrated UHF RFID Reader	MC3390R Integrated Long- Range UHF RFID Reader
										
Operating System		Windows Mobile 6.5 Classic	Windows Mobile 6.5	Snap-on accessory provides the Zebra MC55/65 with High Frequency (HF) RFID. The reader attaches as a snap-on to the terminal and houses both the RFID reader and the antenna. Power for the reader is obtained from the host terminal.	The 1119 UHF RFID Reader provides a UHF RFID upgrade path for Zebra MC55 and MC65 terminals. It snaps on to the bottom of the host terminal and uses the serial port for all data communications.	Provides the Zebra MC55/65 terminal with Low Frequency RFID. The reader attaches as a snap-on to the base of the terminal and houses both the RFID reader and antenna. The host terminal retains full bar code and wireless LAN functionality.	Windows Mobile 6.5 Classic	Embedded CE 6.0 Handheld 6.5	Android 7.0 (Nougat)	Android 7.0 (Nougat)
Processor		Marvell PXA320 806MHz	MSM Qualcomm @ 600MHz				Marvell PXA320 806MHz	Sitara AM37 x ARM Cortex A8, 1GHz	Qualcomm 8056 1.8 GHz hexa-core 64-bit	Qualcomm 8056 1.8 GHz hexa-core 64-bit
Memory	RAM	256MB	256MB				256MB	512 MB	4GB	4GB
	ROM	1GB Flash	1GB	1GB Flash	4 GB Flash	32GB	32GB			
SD Slot		Micro	Micro	Interface: USB and power to charge MC55/65			Micro	Micro	Micro SD	Micro SD
Drop Spec		6ft	6ft	4ft	4ft	4ft	5ft	5ft	5ft	5ft
Ingress Protection		IP64	IP64	IP54	IP54	IP54	IP54	IP65	IP54	IP54
WLAN		802.11 a/b/g	802.11 a/b/g				802.11 a/b/g	802.11a/b/g/n	802.11 a/b/g/n/ac/d/h/i/k/r/w	802.11 a/b/g/n/ac/d/h/i/k/r/w
PAN		BT v2.1 + EDR	BT v2.0 + EDR				BT v2.1 + EDR	BT v2.0 + EDR	BT 4.1, v2.1 + ED	BT 4.1, v2.1 + ED
WWAN			HSDPA - 3.5G					Optional UMTS/HSPA+		
GPS			Yes					Optional		
Imager		1D, 2D	2D Area Imager				1D, 2D	1D, 2D	SE4750SR with LED Aimer	SE4750MR Imager with Laser Aimer. SE4850 Extended Range Imager
Camera		3.2MP	3.2MP				3.2MP	Optional 8MP		
Keypads		Resistive touch / QWERTY / Numeric	Numeric or QWERTY				Resistive touch / QWERTY / Numeric	Touchscreen / QWERTY / Alphanumeric	Numeric (29 key), Function Numeric (38 key), Alpha Numeric (47 key)	Numeric (29 key), Function Numeric (38 key), Alpha Numeric (47 key)
Batteries		3.7V 3600mAh Li-ion	3,600 mAh				3.7V 3600mAh Li-ion	2760mAh / 4400MAH Li-ion	Li-Ion 5200 mAh	Li-Ion 5200 mAh
Dimensions (mm)		14.7 x 7.7 x 2.8	77 x 162 x 34	85 x 100 x 30	85 x 100 x 30	85 x 100 x 30	15.24 x 8.4 x 4.4	Long: 223 x 75/100 x 31/42. Short: 200 x 75/100 x 31/42	164 x 75 x 211	164 x 96 x 271
Weight		338g	359g	100g	100g	100g	398g	Short: 462. Long: 526g	665g	MC3390R with SE4750MR: 740 g MC3390R with SE4850: 765 g
Display		3.5" VGA	3.5" VGA				3.5" VGA	3.7" VGA/QVGA	4" capacitive; WVGA; colour	4" capacitive; WVGA; colour
RFID		See 1117 Multi-ISO HF RFID Reader	See 1117 Multi-ISO HF RFID Reader				Integrated	Integrated	EPC Class 1 Gen2; EPC Gen2 V2; ISO-18000-63	EPC Class 1 Gen2; EPC Gen2 V2; ISO-18000-63

Nordic ID		Bluebird Maxatec		Trimble	
Merlin HF, UHF		BP 30 HF	BM 180 HF	Juno 5	
					
Operating System		Embedded CE 6.0	Android 4.2.Windows Embedded 8 Handheld	Android 4.2.Windows Embedded 8 Handheld	Windows® Handheld 6.5
Processor		ARM11 532 MHz	Dual Core 1.GHz	Dual Core 1.5GHz	T1 DM3730 @ 800MHz (Juno 5B) or 1GHz (juno 5D)
Memory	RAM	256 MB DDR	1GB	1GB	256MB (5B),512MB (5D)
	ROM	288 MB Flash	8GB	8GB	8GB (5B), 16 (5D)
SD Slot		Micro	Micro USB	Micro USB	Micro
Drop Spec		5ft	6ft	4ft	4ft
Ingress Protection		IP54	IP67	IP67	IP65
WLAN		802.11 b/g	Optional 8.2.11 a/b/g/n	Optional 8.2.11 a/b/g/n	802.11 b/g/n
PAN		BT v2.0 + EDR	Optional BT II V4.0	Optional BT II V4.0	
WWAN		3G UMTS / HSDPA (900/2100 MHz). GPRS / EDGE (900/1800 MHz) (optional)	Optional HSPA+/HSPA/UMTS,EDGE/GSM	Optional HSPA+/HSPA/UMTS,EDGE/GSM	UMTS / HSPA+, GSM / GPRS / EDGE
GPS		Optional	Integrated AGPS	Integrated AGPS	Integrated
Imager		1D,2D	Optional 2D	Optional 2D	1D,2D
Camera		None	8MP Rear, 1.3MP Front	8MP Rear, 1.3MP Front	8MP
Keypads		Numeric (alpha)	Touchscreen	Touchscreen	Touchscreen
Batteries		Li-ion 2600 mAh @ 7.4V	3.7V Li-Ion 4500 mAh	3.7V Li-Ion 3000 mAh	Li-Ion
Dimensions (mm)		250 x 105 x 175	78 x 158.3 x 22.5	78 x 152 x 16.7	155 x 82 x 25
Weight		750g	361g	261g	0.4kg
Display		3.5" QVGA touch screen	5"	5"	4.3" WVGA
RFID		1 Watt RFID reader	ISO1443A&B, ISO15693	ISO1443A&B, ISO15693	865–868 MHz or 902–928 MHz

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