

		Casio	Joya Touch	Honeywell			Intermec		
		DT-X30		CT50	99EX	99GX	CK3R	CK3X	CK71
*Could be used in Rugged Device Category									
		Operating System	Windows® CE 6.0 R2 Windows® Mobile 6.1	Windows® Embedded Compact 7 Pro	Windows Embedded 8.1 Handheld, 10.0 Android 4.2, 4.4.4 KitKat, 6.0	Windows® Embedded Handheld 6.5 Professional and Classic	Windows® Embedded Handheld 6.5 Professional and Classic	Windows® 6.5.3	Windows® 6.5.3
Processor		Marvell® Xscale PXA320	XScale™ PXA310 @ 806 MHz	2.26GHz Qualcomm Snapdragon 801 quad	OMAP3715 1.0GHz	Texas Instruments® OMAP3715 1.0GHz	Texas Instruments 1GHz multi-engine	Texas Instruments 1GHz multi-engine	OMAP 3530, 600 MHz
Memory	RAM	128MB	512 MB	2 GB	256MB	1GB discrete NAND flash x 256 MB RAM	256MB	256MB	512MB
	ROM	128MB	1 GB Flash (Joya Plus)	16 GB eMMC NAND Flash	1GB		512MB	1GB	1GB
SD Slot		Micro SDHC	N/A	Micro SD	Micro	Micro SDHC	SD up to 32 GB	SD up to 32 GB	Micro
Drop Spec		1.8m	1.2m	5ft	6ft	1m	5ft	5ft	6ft
Ingress Protection		IP67	N/A	IP67	IP67	IP64	IP54	IP54	IP67
WLAN		IEEE802.11b/g	802.11 a/b/g/n	802.11 a/b/g/n/ac	802.11 a/b/g/n	802.11a/b/g/n	802.11 b/g/n	802.11 a/b/g/n	802.11 a/b/g/n
PAN			BTv4.0	BT V4.0	BT v2.1 +EDR	BT v2.1	BT v2.1 +EDR	BT v2.1 +EDR	BT v2.1 + EDR
WWAN		CSD, GPRS, EDGE, EGPRS	N/A	GSM/GPRS/EDGE	HSPA+ - 3.75G	HSPA+/UMTS, GSM/GPRS/EDGE	None	None	None
GPS		Yes	N/A	Yes	Yes		None	None	None
Phone			No		Yes		None	None	None
Imager		1D, 2D Stacked, 2D Matrix	1D, 2D, Postal, Stacked	1D, 2D	2D Imager (SR/LR)	N5600/5603 SR, ER, & HD with high-visibility laser or green LED aimer.	1D Imager 2D Imager Near/Far Imager	1D Imager 2D Imager Near/Far Imager	1D Imager 2D Imager Near/Far Imager
Camera		2.0MP with LED	None	8MP	3.1MP	None	None	None	5MP
Keypads		Numeric, Alphanumeric	Touchscreen	Side Scan triggers, Volume up / down, Camera, Power	Numeric, ALPHA Numeric or Phone Numeric	55-key alphanumeric, 43-key alpha shifted numeric, 34-key numeric shifted alpha	Numeric or Alpha	Numeric or Alpha	Numeric or ALPHA Numeric
Batteries		Standard – Li-ion 2,000mA	Li-Ion; 3.7v; 3,000 mAh	Li-Ion, 3.6V, 3950mAh	3060mAh - STD 5000mAh - EXT	Standard – Li-ion, 3.7V, 3060mAh	3.7V, 2,000 mAh	3.7V, 5,100 mAh	5,200 mAh
Dimensions (mm)		87x242x46	Handheld: 145 x 767 x 338 Pistol-Grip: 145 x 767 x 116	160 x 82.5 x 19	69 x 215 x 39 - STD 69 x 215 x 45 - EXT	215x69x39	21.6 x 8.3 x 2.8	21.6 x 8.3 x 2.8	80 x 237 x 50
Weight		550g	Handheld: 275.0 g. Pistol-Grip: 305.0 g	342g	520g-570g	621g	401 g	401 g	584g
Display		3.5" TFT	4.3" TFT LCD	4.66" TFT	3.7" VGA	3.7" VGA	3.5 in QVGA	3.5 in QVGA	3.5" VGA
RFID			None		None				None
Notes			Pistol Grip available, SoftSpot and Contactless Charging.						VERDEX; eMDI), Intermec Client Pack (Terminal Emulator/ Browser)

*Could be used
in Rugged Device
Category

		Janam				Opticon	
		XT2	XG3	XG3-ER	UL10	H32	OPL-9815
							
Operating System		Android 5.x Lollipop or Windows 10	Android™ or Windows® Embedded Handheld	Android™ or Windows® Embedded Handheld	Windows CE 6.0	Windows Embedded Compact 7	Proprietary
Processor		Quad-core Qualcomm MSM8916 CPU @1.2GHz	ARM Cortex-A8 CPU @1GHz	ARM Cortex-A8 CPU @1GHz	833 MHz (Cortex-A8)	AM3354 ARM Cortex A8, 800 MHz	RX62n 32-bit
Memory	RAM	1GB or 8GB (WLAN)	512MB	512MB	256 MB	256 MB	512 kB
	ROM	2GB/16GB (WWAN)	1GB	1GB	1 GB	256 MB	FLASHROM: 1MB
SD Slot		USB 2.0	MicroSD	MicroSD	Micro SD	MicroSDHC	
Drop Spec		5 ft	6ft	6ft	6.5ft	5ft	5ft
Ingress Protection		IP67	IP65	IP65	IP65	IP 54	IP54
WLAN		802.11a/b/g/n	802.11a/b/g/n	802.11a/b/g/n	IEEE 802.11 a/b/g	802.11 a/b/g/n	
PAN			BT v2.1 + EDR	BT v2.1 + EDR	v2.0 with EDR	BT v2.1 + EDR	BT v2.1, class 2, SPP & HID
WWAN		EDGE/GPRS/GSM; WCDMA; LTE	Authentication: EAP (TLS, PEAP-MSCHAPv2, PEAP-GTC, PEAP-TLS, TTLS, EAP-FAST, LEAP)	EAP (TLS, PEAP-MSCHAPv2, PEAP-GTC, PEAP-TLS, TTLS, EAP-FAST, LEAP)			
GPS		Qualcomm® IZat™	N/A	N/A	No	No	NMEA 0183, Sirf Star III, 4.8 kbps
Phone					No		
Imager		1D, 2D	1D/2D Adaptus® Imaging Technology; 752 x 480 pixel CMOS area imager	1D, 2D	1D/2D Option	1D / 2D / Postal	1D / 2D / Postal
Camera		8.0MP rear, 2.0MP front	N/A	N/A	3MP option	No	No
Keypads		Capacitive touch	34-Key Numeric; 57-Key Alpha-Numeric	34-Key Numeric; 57-Key Alpha-Numeric	ALPHA Numeric	26 keys total, 12 key (alpha)numeric keypad	18 keys total, 12 key (alpha)numeric keypad
Batteries		Li-Ion 3000mAh (4000mAh opt.)	Li-Ion 5200mAh	Li-Ion 5200mAh	Li-Polymer 3.7V 4,500mA	Lit-Ion 3.7V 1800mAh (sold separately)	Lit-Ion 3.7V 1100mAh
Dimensions (mm)		155 x 83 x 24	188 x 79 x 211	188 x 79 x 211	73 x 209 x 36.3 mm	64 x 143 x 28	44 x 140 x 22
Weight		279g (293g inc MMR)	643.5g including battery	643.5g including battery	623 g	195 g	115 g
Display		5.0" HD	3.5" Color TFT VG	3.5" Color TFT VGA	3.5" VGA	2.8" Transflective QVGA	112 x 64 pixels LCD
RFID		Yes	FCC Part 15B and 15C, RSS-210, ICES-003	FCC Part 15B and 15C, RSS-210, ICES-003	None	None	
Notes							

*Could be used in Rugged Device Category

		Zebra						
		MC2180	MC32	MC92	7535G2	NEO	Omnii XT15	Omnii RT15
								
Operating System		Microsoft® Emb CE 6.0 CORE Rel3	Windows Compact 7.0 or Android 4.1	Windows Emb Compact 7.0 / Handheld 6.5.3	Windows CE 5.0	Windows CE 5.0	Windows CE 6.0 Windows® Embedded Handheld 6.5	Windows CE 6.0 Windows® Embedded Handheld 6.5
Processor		Marvell PXA 320 624 MHz	800 MHz OMAP4 or Dual core 1 GHz OMAP4 (Premium)	Dual core 1GHz OMAP 4	PXA270 @ 624MHz	PXA270 @ 312MHz PXA270 @ 624MHz	Texas Instruments® AM3715 Sitara	Texas Instruments® OMAP3® 800 MHz
Memory	RAM	128MB	512MB or 1GB (Premium)	512MB / 2GB	128MB	128MB	256MB	256MB
	ROM	256MB	2GB / 4GB	1GB / 2GB (premium)	128MB	128MB	1 GB Flash	1 GB Flash
SD Slot		Micro	Micro SD	32GB SDHC card slot	Standard SD	Micro	Micro SD	Micro SD
Drop Spec		4ft	4ft	6ft	6ft	4ft	2.0m	1.5m
Ingress Protection		IP54	IP54	IP64	IP65	IP54	IP67, IP65, IEC 60529	IP65, IEC 60529
WLAN		802.11b/g/n	802.11a/b/g/n	802.11a/b/g/n	802.11 a/b/g	802.11 b/g	IEEE 802.11a/b/g/n	IEEE 802.11a/b/g/n
PAN		BT v2.0 + EDR	BT v2.1	BT v2.1 + EDR	BT v1.2	BT v2.0 + EDR	BT v2.0 +EDR	BT v2.0 +EDR
WWAN			None		None	None	Optional 2.5G GSM/GPRS/EDGE	Optional SIRF III GPS Receiver
GPS			None	No	None	None	Optional	Optional
Phone			None		None		None	
Imager		1D Linear, 1D Laser, 1D / 2D Area Imager	1D / 2D	1D / 2D	1D Laser / Area Imager	1D Laser / 1D Imager / 2D Imager	1D, 2D	1D, 2D
Camera			None	None	None	None	Optional 3MP	Optional 3MP
Keypads		27-key numeric	Numeric or ALPHA Numeric	28-, 43- and 53	Numeric or ALPHA Numeric	Numeric or QWERTY	59 Key Full Alpha Numeric 6 Fn keys	59 Key Full Alpha Numeric 6 Fn keys
Batteries		3.7 V, 2400mAh Li-Ion smart battery	Li-Ion up to 4800 mAh	Li-Ion 2200 mAh	1,900 mAh	3,300 mAh	Standard – Li-ion 5,000mA	Standard – Li-ion 5,000mA
Dimensions (mm)		171.7 x 34.1 x 60.9	190.4 x 81.9 x 45.2mm (Straight)	23.1 x 9.1 x 19.3	102 x 260 x 63	64 x 168 x 34	95x227x44	95x227x44
Weight		236g	365g (straight)	765g	710g	275g	610g	610g
Display		2.8" QVGA, 320 by 240	3" (TFT) (320 x 320)	3.7" VGA	3.5" QVGA	2.7" QVGA	3.7" VGA	3.7" VGA
RFID			None		HF / UHF	High Frequency	None	
Notes						Ergonomically designed for one hand op.		