

\*Could be used in Rugged Device Category

		Casio	Datalogic		Honeywell			
		DT-X30	Falcon	Joya Touch	CK65	CT50	99EX	99GX
								
Operating System		Windows® CE 6.0 R2 Windows® Mobile 6.1	Microsoft Windows Embedded Compact 7 or Android v4.4	Windows® Embedded Compact 7 Pro	Android 8.0 Oreo (system compatible up to Android R)	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
Processor		Marvell® Xscale PXA320	T1 OMAP4 @ 1 GHz	XScale™ PXA310 @ 806 MHz	2.2 GHz Qualcomm® 64-bit Snapdragon™ octa-core	2.26GHz Qualcomm Snapdragon 801 quad	OMAP3715 1.0GHz	Texas Instruments® OMAP3715 1.0GHz
Memory	RAM	128MB	1GB	512 MB	2 GB/4 GB DDR4	2 GB	256MB	1GB discrete NAND flash x 256 MB RAM
	ROM	128MB	8GB	1 GB Flash (Joya Plus)	32 GB Flash	16 GB eMMC NAND Flash	1GB	
SD Slot		Micro SDHC	Micro	N/A	N/A	Micro SD	Micro	Micro SDHC
Drop Spec		1.8m	6ft	1.2m	2.4m	5ft	6ft	1m
Ingress Protection		IP67	IP65	N/A	IP64	IP67	IP67	IP64
WLAN		IEEE802.11b/g	802.11a/b/g/n	802.11 a/b/g/n	802.11 a/b/g/n/ac	802.11 a/b/g/n/ac	802.11 a/b/g/n	802.11a/b/g/n
PAN			v4 with BLE(Android models); v2.1 + EDR (WEC7 models)	BTv4.0	V5.0 with BLE and Backward Compatibility	BT V4.0	BT v2.1 +EDR	BT v2.1
WWAN		CSD, GPRS, EDGE, EGPRS		N/A	N/A	GSM/GPRS/EDGE	HSPA+ - 3.75G	HSPA+ /UMTS, GSM/GPRS/EDGE
GPS		Yes	N/A	N/A	N/A	Yes	Yes	
Phone				No	N/A		Yes	
Imager		1D, 2D Stacked, 2D Matrix	Choice of 1D or 2D. Extra long range 2D available soon	1D, 2D , Postal, Stacked	Honeywell N6703 Slim Imager Engine (1D/2D); Honeywell EX20 Near/Far Imager (1D/2D, 0.15 m to 15.2 m); Honeywell Scanning SDKs for Android	1D, 2D	2D Imager (SR/LR)	N5600/5603 SR, ER, & HD with high-visibility laser or green LED aimer.
Camera		2.0MP with LED	No	None	13MP	8MP	3.1MP	None
Keypads		Numeric, Alphanumeric	29-key numeric, 29-key functional numeric or 52-key alphanumeric	Touchscreen	51-key alpha or 38-key numeric keypad, plus two programmable side buttons. Rugged multi-touch capacitive touch	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
Batteries		Standard – Li-ion 2,000mA	Li-ion 3.7 V 5200 mAh	Li-ion; 3.7v; 3,000 mAh	Li-Ion, 3.7 V, 5100 mAh	Li-Ion, 3.6V, 3950mAh	3060mAh - STD 5000mAh - EXT	Standard – Li-ion, 3.7V, 3060mAh
Dimensions (mm)		87x242x46	Pistol grip: 225 x 88 x 168 Handheld: 225 x 88 x 55	Handheld: 145 x 767 x 338 Pistol-Grip: 145 x 767 x 116	N6703SR: 227 x 83 x 42. EX20: 227 x 83 x 47	160 x 82.5 x 19	69 x 215 x 39 - STD 69 x 215 x 45 - EXT	215x69x39
Weight		550g	Hand held: 602.0 g Pistol grip: 668.0 g	Handheld: 275.0 g. Pistol-Grip: 305.0 g	N6703SR: 498 g. EX20: 544 g	342g	520g-570g	621g
Display		3.5" TFT	3.5" touchscreen	4.3" TFT LCD	4" 480 x 800 bright color LCD	4.66" TFT	3.7" VGA	3.7" VGA
RFID				None			None	
Notes			Attachable handle (and orderable pre-installed)	Pistol Grip available, SoftSpot and Contactless Charging.	Can be used with finger, glove, or stylus			

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	Intermec	Janam			Opticon		
	CK71	XT2	XG3	XG3-ER	UL10	H32	OPL-9815
							
Operating System	Windows® Embedded Handheld 6.5	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	OMAP 3530, 600 MHz	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	512MB	1GB or 8GB (WLAN)	512MB	512MB	256 MB	512 kB
	ROM	1GB	2GB/16GB (WWAN)	1GB	1GB	256 MB	FLASHROM: 1MB
SD Slot	Micro	USB 2.0	MicroSD	MicroSD	Micro SD	MicroSDHC	
Drop Spec	6ft	5 ft	6ft	6ft	6.5ft	5ft	5ft
Ingress Protection	IP67	IP67	IP65	IP65	IP65	IP 54	IP54
WLAN	802.11 a/b/g/n	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	BT v2.1 + EDR	v2.0 with EDR	BT v2.1 + EDR	BT v2.1, class 2, SPP & HID
WWAN	None	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	None	Qualcomm® IZat™	N/A	N/A	No	No	NMEA 0183, Sirf Star III, 4.8 kbps
Phone	None				No		
Imager	1D Imager 2D Imager Near/Far 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	5MP	8.0MP rear, 2.0MP front	N/A	N/A	3MP option	No	No
Keypads	Numeric or ALPHA Numeric	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	5,200 mAh	Li-Ion 3000mAh (4000mAh opt.)	Li-Ion 5200mAh	Li-Ion 5200mAh	Li-Polymer 3.7 V 4,500mA	Lit-Ion 3.7V 1800mAh (sold separately)	Lit-Ion 3.7V 1100mAh
Dimensions (mm)	80 x 237 x 50	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	584g	279g (293g inc MMR)	643.5g including battery	643.5g including battery	623 g	195 g	115 g
Display	3.5" VGA	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	None	Yes	FCC Part 15B and 15C, RSS-210, ICES-003	FCC Part 15B and 15C, RSS-210, ICES-003	None	None	
Notes	VERDEX; eMDI), Intermec Client Pack (Terminal Emulator/Browser)						

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		Zebra							
		MC2180	MC32	MC3300	MC92	7535G2	NEO	Omnii XT15	Omni RT15
									
Operating System		Microsoft® Emb CE 6.0 CORE Rel3	Windows Compact 7.0 or Android 4.1	Android 7.0 (Nougat) – AOSP; GMS – select configurations	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)	Qualcomm 8056 1.8 GHz hexa-core 64 bit	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)	2GB/16GB Standard	512MB / 2GB	128MB	128MB	256MB	256MB
	ROM	256MB	2GB / 4GB	4GB/32GB Premium Plus	1GB / 2GB (premium)	128MB	128MB	1 GB Flash	1 GB Flash
SD Slot		Micro	Micro SD	Micro SD	32GB SDHC card slot	Standard SD	Micro	Micro SD	Micro SD
Drop Spec		4ft	4ft	5ft	6ft	6ft	4ft	2.0m	1.5m
Ingress Protection		IP54	IP54	IP54	IP64	IP65	IP54	IP67, IP65, IEC 60529	IP65, IEC 60529
WLAN		802.11b/g/n	802.11a/b/g/n	802.11 a/b/g/n/ac/d/h/i/k/r/w	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 v4.1, v2.1 + EDR	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 / 2D	1D Laser / Area Imager	1D Laser / 1D Imager / 2D Imager	1D, 2D	1D, 2D
Camera			None	Rear: 13MP with Flash (Premium + models only)	None	None	None	Optional 3MP	Optional 3MP
Keypads		27-key numeric	Numeric or ALPHA Numeric	Numeric; Function Numeric, 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: standard 2700 mAh MC3300 Gun/Pistol: Li-Ion: high capacity 5200 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)	Standard : 202.2 x 74.7 x 34.5. MC3300 Turret/Rotating Head: 223.4 x 74.7 x 34.5. MC3300 Gun/Pistol: 202.6 x 74.7 x 163.9	23.1 x 9.1 x 19.3	102 x 260 x 63	64 x 168 x 34	95x227x44	95x227x44
Weight		236g	365g (straight)	375g standard. MC3300 Turret/Rotating Head: 377g MC3300 Gun/Pistol: 505g. MC3300 (45° Scan): 382g	765g	710g	275g	610g	610g
Display		2.8" QVGA, 320 by 240	3" (TFT) (320 x 320)	4.0" WVGA	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.		

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