

		Box	Getac	Honeywell			Janam		
		Cielo	T800	CT50	Dolphin 70E Black	Dolphin 75e	CN51	XG3	XG3-ER
									
Operating System		Windows 8.1, Windows embedded 8.1 Industry Retail; Android	Android 4.4	Windows Embedded 8.1 Handheld; 10.0 Android 4.4.4 KitKat; Android 6.0	Windows Embedded Handheld 6.5 Android 4.0	Windows Embedded 8.1 Handheld; 10.0 Android 4.4 KitKat Android 6.0	Windows Handheld v6.5; Android v4.1; Android 6.0	Android™ or Windows® Embedded Handheld	Android™ or Windows® Embedded Handheld
Processor		Intel® Z3745 Atom, quad-core CPU (Bay Trail-T)	Intel Celeron N2930 1.83GHz	2.26GHz Qualcomm Snapdragon 801 quad	1GHz Single Core T1 OMAP	2.26GHz quad core Qualcomm	Texas 1.5 GHz OMAP 4470 dual core	ARM Cortex-A8 CPU @1GHz	ARM Cortex-A8 CPU @1GHz
Memory	RAM	2GB DC DDR3	SGB DDR 3L	2 GB	512MB	2GB	1GB	512MB	512MB
	ROM	64GB eMMC [32 / 128 GB optional]	SSD 32/64 GB	16 GB eMMC NAND Flash	1GB	16GB FLASH	16GB	1GB	1GB
SD Slot		Micro SD	Micro SD or Ethernet	Micro SD	Micro	Micro USB	SD	MicroSD	MicroSD
Drop Spec		1m (1.8m with opt. case)	6ft	5ft	4ft	4ft	1.5m	6ft	6ft
Ingress Protection		IP65	IP65	IP67	IP54	IP67	IP64	IP65	IP65
WLAN			802.11 ac	802.11 a/b/g/n/ac	802.11 a/b/g/n	802.11 a/b/g/n/ac	802.11 a/b/g/n	802.11a/b/g/n	802.11a/b/g/n
PAN			BT v4.0	V4.0	BT v2.1	BT v4.0	BT v2.1 + EDR	BT v2.1 + EDR	BT v2.1 + EDR
WWAN		WiFi, WiDi, BT, GPS/GLONASS		GSM/GPRS/EDGE	HSPA+ - 3.9G	No WWAN configuration	UMTS / HSPA+	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		Yes	Optional	Yes		No	Integrated	N/A	N/A
Imager		Optional add-on	Optional	1D,2D	1D Imager, 2D Imager	1D, 2D	ScanNGo	1D/2D Adaptus® Imaging Technology; 752 x 480 pixel CMOS area imager	1D, 2D
Camera		2MP Front . 8MP Back	5MP rear	8MP	5MP	8MP	Optional	N/A	N/A
Keypads		10 point multi-touch and pen support	Touchscreen, 6 tablet buttons	Side Scan triggers, Volume up / down, Camera, Power		Multi-touch	(27 Key) Numeric or (43 Key) QWERTY	34-Key Numeric; 57-Key Alpha-Numeric	34-Key Numeric; 57-Key Alpha-Numeric
Batteries			4200mAh Li-ion	Li-Ion, 3.6V, 3950mAh	1670mAh - STD 3340mAh - EXT	Li-ion 3.7 V, 1670 mAh	3.7V, 3900 mAh	Li-Ion 5200mAh	Li-Ion 5200mAh
Dimensions (mm)		228 x 150 x 12.5	227 x 151 x 24	160 x 82.5 x 19	73 x 134 x 17.4	134 x 73 x 18	164 x 74 x 28	188 x 79 x 211	188 x 79 x 211
Weight		c555g	880g	342g	204g	204g	350 g	643.5g including battery	643.5g including battery
Display		8.3: 8.3" or 10.1"	8.1" TFT LCD HD	4.66" TFT	4.3" capacitive touch	4.3" WVGA	10.16 cm	3.5" Color TFT VG	3.5" Color TFT VGA
RFID			Contactless reader		No	No		FCC Part 15B and 15C, RSS-210, ICES-003	FCC Part 15B and 15C, RSS-210, ICES-003
Notes					NFC reader	NFC reader			

Dual operating systems

		Janam (continued)			M3	Handheld		
		XT2	XM5	XM70	SM10 LTE*	Nautiz X1	Nautiz X4	Nautiz X8
								
Operating System		Android 5.x Lollipop or Windows 10	Android 4.2 or Windows Embedded Handheld 6.5	Android 4.1.2 or Microsoft Windows Mobile 6.5	Android 5.1(Lollipop) Windows Embed. Handheld	Android 4.0 (Ice Cream Sandw'ch) or Windows Embed. Handheld 6.5	Windows Embedded Handheld 6.5 Pro. Android 4.2.2	Windows Embedded Hand held 6.5.3 Android 4.2.2
Processor		Quad-core Qualcomm MSM8916 CPU @1.2GHz	AM3715 ARM Cortex-A8 @1GHz	ARM Cortex-A8 CPU @1GHz	1.3GHz Quad core	Texas Instruments OMAP 4430 1 GHz dual	Texas Instruments AM3715 1 GHz	Texas Instruments 4470 dual-core @ 1.5GHz
Memory	RAM	1GB or 8GB (WLAN)	256MB DDR	1GB SDRAM	2GB	1 GB	512 MB	1GB
	ROM	2GB/16GB (WWAN)	256MB NAND Flash	4GB NAND	16GB	4GB	1GB	4GB
SD Slot		USB 2.0	Micro SD	Micro SD		MicroSD, SDHC	SIM (user access)MicroSD/MicroSDHC (user accessi)	SIM (user accessible) MicroSD/MicroSDHC slot
Drop Spec		5 ft	5ft	4ft	6ft (with protective boot)	4ft	4ft	4ft
Ingress Protection		IP67	IP65	IP54	IP65	IP67	IP65	IP67
WLAN		802.11a/b/g/n	802.11 a/b/g/n	802.11a/b/g/n	802.11 a/b/g/n	802.11 b/g/n	802.11 b/g/n	802.11 b/g/n
PAN			BT v2.1 + EDR	BT v2.1	BT v4.0			
WWAN		EDGE/GPRS/GSM; WCDMA; LTE	UMTS/HSPA+/HSDPA/HSUPA/GSM	Authentication: EAP or PSK. Encryption: WPA2, WPA, WEP - 40 bit and 128-bit keys		GSM/GPRS/EDGE, UMTS/HSPA+ or CDMA EV-DO Rev. A (800 MHz, 1900 MHz)	3.8G GSM HSPA+/HSUPA or CDMA EVDO Rev. A	
GPS		Qualcomm® IZat™	Yes	N/A	A-GPS+GLONASS+Beidou	Integrated u-blox®, WAAS/EGNOS/ MSAS capable, G-Sensor, E-Compass	Integrated with u-blox®	Integrated with stand-alone u-blox® GPS
Imager		1D, 2D	1D, 2D	1D, 2D	Non, 1D, 2D	No	1D Laser or 2D Imager	No
Camera		8.0MP rear, 2.0MP front		N/A	8.0MP	5MP	5MP	8MP rear
Keypads		Capacitive touch	Touchscreen , Numeric or ALPHA Numeric	Numeric or PDA	Touchscreen	Touchscreen	Resistive Touch	Numeric with 3 programmable function keys
Batteries		Li-Ion 3000mAh (4000mAh opt.)	4000mAh 3.7V Li-ion	2400mAh or 4000mAh Li-Ion	3.8V 4,100mAh (standard)	1530 mAh Li-Ion	Li-ion rechargeable 4000 mAh	Li-Ion, 3.7V 5200mAh
Dimensions (mm)		155 x 83 x 24		30.5 x 79 x 146		125 x 65 x 15	156 x 74 x 25.5	190.9 x 79.7 x 34.6
Weight		279g (293g inc MMR)	689g	279g		180g	330g	490g
Display		5.0" HD	3.5 inch TFT VGA	3.5" Color TFT	5" Gorilla Glass3	4" WVGA	3.5" VGA High Brightness	4.7" FWVGA
RFID		Yes	Yes	Yes			No	No
Notes								

		Pideon			Trimble	Zebra			
		BP30	BM180	HM50	Juno 5	MC32	MC67	MC92	ET50/55
									
Operating System		Android 4.2. Windows Embedded 8 Handheld	Android 4.2. Windows Embedded 8 Handheld	Windows Mobile 6.5 Android	Windows Mobile 6.5 or Android 2.3.4	Windows Compact 7.0 or Android 4.1	Embedded Handheld 6.5 Professional or Android 4.1 (Jellybean)	Windows Embedded Compact 7.0 / Handheld 6.5.3	Windows Industry Embedded 8.1 Pro. Available as Android
Processor		Dual Core 1.0GHz	Dual Core 1.5GHz	1 GHz	T1 DM3730 @ 800MHz (Juno 5B) or 1GHz (juno 5D)	800 MHz OMAP4 or Dual core 1 GHz OMAP4	Dual core 1GHz OMAP 4	Dual core 1GHz OMAP 4	Intel quad core 2.4 GHz 64 bit
Memory	RAM	1GB	1GB	256MB	256MB (5B), 512MB (5D)	512MB or 1GB (Premium)	1GB	512MB / 2GB	4GB LPDDR3
	ROM	8GB	8GB	512MB	8GB (5B), 16 (5D)	2GB / 4GB	8GB Flash	1GB / 2GB (premium)	64 GB eMMC Flash
SD Slot		Micro USB	Micro USB	Micro	Micro	Micro SD	SD	32GB SDHC card slot	USB2.0
Drop Spec		6ft	4ft	6ft	4ft	4ft	1.6ft	6ft	1m
Ingress Protection		IP67	IP67	IP65	IP65	IP54	IP65 / IP67	IP64	IP65
WLAN		8.2.11 a/b/g/n	8.2.11 a/b/g/n	802.11 a/b/g/n	802.11 b/g/n	802.11a/b/g/n	802.11a/b/g/n	802.11a/b/g/n	802.11a/b/g/n/k/r
PAN				BT v2.1	BT v2.1 + EDR	BT v2.1		BT v2.1 + EDR	BT v4.0
WWAN		Optional HSPA+ /HSPA/ UMTS,EDGE/GSM	Optional HSPA+ /HSPA/ UMTS,EDGE/GSM	HSPA - 3.8G	HSPA+	None	4G HSPA+		Global LTE with HSPA+
GPS		Integrated AGPS	Integrated AGPS	Yes	Yes		Yes	No	Integrated
Imager		Optional 2D	Optional 2D	1D / 2D		1D Imager, 2D Imager	2D Imager	1D / 2D	Expansion pack accessory
Camera		8MP Rear, 1.3MP Front	8MP Rear, 1.3MP Front	5 MP	8MP	None	8MP	None	2.0 MP Front, 8.0 MP Rear
Keypads		Touchscreen	Touchscreen	Numeric or QWERTY	On screen	Numeric or ALPHA Numeric	Numeric, QWERTY, DSD	28-, 43- and 53	Capacitive 10 point multi-touch
Batteries		3.7V Li-Ion 4500 mAh	3.7V Li-Ion 3000 mAh	Li-Ion 3.7V, 3600 mAh	Li-Ion 3.7V, 3300 mAh	Li-Ion up to 4800 mAh	Li-Ion 3.7V, 3600 mAh	Li-Ion 2200 mAh	5900 mAh rechargeable Smart Li-Ion
Dimensions (mm)		78 x 158.3 x 22.5	78 x 152 x 16.7	75.8x154x28.6	155 x 82 x 25	190.4 x 81.9 x 45.2mm (Straight)	77 x 162 x 33.5	23.1 x 9.1 x 19.3	8.3": 228 x 150 x 12.5 10.1": 269 x 181 x 12.5
Weight		361g	261g	371g	400g	365g (straight)	385g	765g	8.3": 555 g; 10.1": 750 g
Display		5"	5"	3.5" TFT-LCD	4.3" WVGA	3" (TFT) (320 x 320)	3.5" VGA	3.7" VGA	21 cm and 25.6 cm
RFID		ISO1443A&B, ISO15693	ISO1443A&B, ISO15693		UMTS / HSPA+, GSM / GPRS / EDGE	None			
Notes									USB 3.0; HDMI; USB 2.0; Audio jack