











	Armor	Casio	FreshTech		Getac			Handheld		
	X7ad	V-T500	Rugged 8" tablet	Rugged 10" tablet	MX50	Z710	ZX70	Algiz RT-7	Nautiz X2	
										
<b>Operating System</b>	Android 3.2	Android 4.0	Windows 10/ 10 Pro/ Android 5.1	Windows 10/ 10 Pro/ Android 5.1	Android 5.1	Android 4.1	Android 6.0	Android 6.0 (Marshmallow) Google GMS (Google Play)	Android 6.0 (Marshmallow)	
<b>Processor</b>	NVIDIA Tegra™ 2 1.0 GHz Dual Core	OMAP 4460 1.5GHz Dual-core	Intel cherrytrail Z8350	Intel cherrytrail Z8350/Z8300	Intel® Atom® Z8350 1.44GHz	OMAP 4430 Dual Core 1 GHz	Intel® Atom™ x5-Z8350 1.44GHz, burst up to 1.9	Qualcomm® MSM8916 – quad core ARM Cortex A53, 1.2 GHz	1.3 GHz quad-core ARM® Cortex-A53 MPCore™	
<b>Memory</b>										
	<b>RAM</b>	1GB DDR2 SDRAM	1GB	2GB / 4GB	2GB / 4GB	2GB LPDDR3	1GB MDDR	2GB	2 GB LP-DDR3	1 GB
	<b>ROM</b>	16GB eMMC Flash	16GB	32GB / 64GB(16GB/32GB/128GB Optional)	32GB / 64GB(16GB/32GB/128GB Optional)	64GB / 128GB	16GB NAND flash	4GB eMMC 32GB / 64GB	16 GB eMMC1	8 GB
<b>SD Slot</b>	MicroSD	Micro SD, MicroSDHC1	Micro USB, HDMI	Micro USB, HDMI	Micro SD	Micro SD (up to 32GB)	Micro S	Dual SIM, SDHC slot 32 GB	MicroSD/MicroSDHC	
<b>Drop Spec</b>	4ft	1m	Shock & vibration	Shock & vibration	5ft	6ft	6ft	4ft	4ft	
<b>Ingress Protection</b>	IP65	IP54	IP67	IP65	IP67	IP65	IP67	IP65	IP65	
<b>WLAN</b>	802.11 b/g/n	802.11a/b/g/n	802.11 ac/b/g/n	802.11 ac/b/g/n	802.11 a/b/g/n	802.11 b/g/n	802.11 a/b/g/n	802.11 b/g/n	802.11 a/b/g/n (Dual-band: 2.4G+5G)	
<b>PAN</b>	BT v2.1 + EDR	v4.0	v4.0	v4.0	v4.0	BT v2.1 + EDR	BT v4	BT v4.1 LE	BT 4.0 LE	
<b>WWAN</b>	GSM/GPRS/EDGE, UMTS/HSDPA/HSUPA or CDMA optional	HSPA/UMTS/EGPRS (EDGE)GPRS	3G WCDMA / 4G LTE	3G WCDMA / 4G LTE		Optional 3G (HSPA+/UMTS/GSM/GPRS/EDGE)	Optional	2.5G (GSM, GPRS,EDGE) 3G (UMTS, HSPA+) 4G (LTE)	GSM / HSPA+ (3G) / LTE (4G)	
<b>GPS</b>	Yes	16-channel receiver	GPS/BeiDou	GPS/BeiDou	Yes	Yes - with internal antenna	Dedicated GPS	Integrated	GPS/GLONASS	
<b>Imager</b>	No				No	No	Optional	Optional 2D	1D / 2D	
<b>Camera</b>	1.3 MP Front, 5.0 MP Rear	Front: 5.0 MP Rear: 5MP with LED light	2.0MP front; 5.0MP rear	2.0MP front; 5.0MP rear	8MP rear	HD Web 5M pixels auto focus	8MP rear	2MP front, 8MP rear	8.0 Megapixel with LED flash	
<b>Keypads</b>	Touch screen	Touch Screen	8" Dragontrail Glass Capacitive Touch	10" Gorilla Glass Capacitive Touch	Touch Screen	Glove-friendly capacitive touchscreen	Capacitive multi-touch	4 programmable function, capacitive multi-touch	Four keys on front side	
<b>Batteries</b>	3700 mAh	Lithium-Polymer (7000 mAh)	3.7V/7500mAh	3.7V/7500mAh	Li-Ion 3.7V, 4200mAh	Lithium-Polymer (7600mAh)	Li-Ion 3.8V, 8400mAh	Li-Ion, 3.7V 6000 mAh	Lithium-Polymer 3300 mAh	
<b>Dimensions (mm)</b>	214 x 132 x 21	190 x 269 x 14.4 mm	220 x 143 x 14	267 x 183 x 16	188 x 105 x 18	27.4 x 21.8 x 14.2	218 x 142 x 27	216 x 128 x 24	150 x 73.5 x 16	
<b>Weight</b>	0.60 Kg	780g	0.5kg	0.699kg	400g	800 g	780g	650g	230g	
<b>Display</b>	7" WXGA LED backlit LCD	10.1 inch/WXGA (1280x800) LCD	8" 800*1280 I	10" 800*1280 IPS	5.7" IPS TFT LCD HD	7.0" TFT LCD WSVGA	7" IPS TFT LCD HD	7" WSVGA	4.7" IPS panel	
<b>RFID</b>	No	No			No	No	Optional	Optional 13.56 MHz	No	
<b>Connectors</b>	Mini USB OTG, HDMI, 3.5mm Audio Jack		SDHC/SDXC; 12pin Pogo Pin; Micr usb 3.0; Host for windows; SIM; Micro HDMI; DC; 3.5mm standard earphone	SDHC/SDXC; 12pin Pogo Pin; Micr usb 3.0; Host for windows; SIM; Micro HDMI; DC; 3.5mm standard earphone	HD webcam ,8MP rear camera, Micro USB OTG, Headphone out/Mic-in, Optional Rugged Connector x 1	USB (client 2.0) x 1 USB (host 2.0) x 1	FHD webcam ,8MP rear camera, Micro USB, Docking, DC in, Micro SD, Optional RF antenna pass-through	USB A Host; USB micro (PC sync and charging); RJ45 (Ethernet); 3.5 mm headset (stereo and mic); 3.5 mm DC inlet	Micro USB 2.0; Dock connector for charging; 3.5mm headset	
<b>Notes</b>		NFC reader / writer								

	Janam		Kestronics	MITAC			Panasonic	
	XT1	XT2	T70H	Bumble Bee	Dino	Ulmo	Toughpad FZ-B2	Toughbook FZ-N1
								
<b>Operating System</b>	Android 4.2	Android 5.x Lollipop or Windows 10	Android 4.2	Android 4.1	Android 4.1	Android 4.0	Android™ 6.0 Marshmallow	Android 5.1.1 (Lollipop)
<b>Processor</b>	Dual-core ARM Cortex-A9 @1.5GHz	Quad-core Qualcomm MSM8916 CPU @1.2GHz	MTK6589T 1.5 Ghz Cortex A7 QuadCore	ARM Cortex A9 Dual	ARM Cortex A9 Dual	Samsung 1.0 GHz	Intel® Atom™ x5-Z8550	Qualcomm® MSM8974AB 2.3GHz Quad
<b>Memory</b>	<b>RAM</b>	1GB or 8GB	1G + 8G EMCP	1GB	1GB	512 MB	2GB	2GB
	<b>ROM</b>	2GB/16G	Up to 32GB	8GB	8GB	4GB - 16GB	32GB eMMC	16GB
<b>SD Slot</b>	Micro SD	USB 2.0	Micro USB	Micro SD (up to 32 GB)	Micro SD (up to 32 GB)	Micro SD	Micro SD/SDHC Memory Card	Micro SD/SDHC Memory Card
<b>Drop Spec</b>	3ft	5 ft	1m	1.2m	1.2m	1M	150cm	150cm
<b>Ingress Protection</b>	IP54	IP67	IP65	IP54	IP54	IP54	IP-65	IP-X5
<b>WLAN</b>	802.11a/b/g/n	802.11a/b/g/n	802.11 b/g/n	802.11a/b/g/n	802.11a/b/g/n	802.11b/g/n	Dual Band Wireless-AC 8260	Dual Band Wireless-AC 8260
<b>PAN</b>	BT v4.0	BT v4.0	BT v4.0	BT v4.0	BT v4.0	2.1 + EDR	BT v4.2+ EDR	BT v 4.2 + EDR Class 1
<b>WWAN</b>	UMTS/HSDPA/HSUPA/GSM	EDGE/GPRS/GSM; WCDMA; LT	2G: GSM/GPRS/EDGE. 850/900/1800/1900 3G: WCDMA/HSPA 3.75G (HSDPA+ 42.2Mbps, HSUPA+ 11.5Mbps)	LTE (Optional)	LTE (Optional)		4G Option (Gobi 5000), supports 3G	4G option Option (Gobi 5000), supports 3G
<b>GPS</b>	Yes	Qualcomm® IZat™	GPS/AGPS/EPO	Yes	Yes	Compass	Integrated	Integrated
<b>Imager</b>	1D, 2D	1D, 2D	No	1D/2D Professional Barcode reader	1D/2D Professional Barcode reader	No	Optional (2D Barcode)	2D Barcode Reader, LAN
<b>Camera</b>		2MP front, 8MP rear	8.0 Megapixel with LED flash	Rear: 5M pixels Front: 2 M Pixels	Rear: 5M pixels Front: 2 M Pixels	1.3 MP Front, 5.0 MP Rear	2 MP Front, 8 MP Rear	2 MP Front, 8 MP Rear
<b>Keypads</b>	Capacitive touch	Capacitive touch	Touch screen	Capacitive touch 12 numeric	Capacitive touch 12 numeric	Onscreen	10 finger capacitive multi-touchscreen	10 finger capacitive multi-touchscreen
<b>Batteries</b>	3000mAh Li-ion	Li-Ion 3000mAh (4000mAh opt.)	10000mAh	3415 mAh	3415 mAh	Polymer 3850mAh	Lithium-Ion (7.2V, 3320mAh)	Lithium-Ion (7.2V, 3320mAh)
<b>Dimensions (mm)</b>		155 x 83 x 24	201x136x22mm	72x135x25	72x135x25	131.8 x 220 x 16.8	203 x 18 x 132mm	203 x 18 x 132mm
<b>Weight</b>	370g	279g (293g inc MMR)	650g			0.580kg	Approx. 540g	Approx. 540g
<b>Display</b>	5.9" Color TFT WVGA	5.0" HD	7" IPS/AFFS 1024x600	7" TFT 240x320	5" TFT 240x320	7" TFT LCD	7" sunlight-viewable WXGA Active Matrix (TFT) IPS LCD	7" sunlight-viewable WXGA Active Matrix (TFT) IPS LCD
<b>RFID</b>	Yes	Yes	No	No	No		UHF RFID, (opt)	
<b>Connectors</b>				Mini USB/ Micro SD / USB 2.0 / MIC & 3.5mm earphone / SIM / POGO	Mini USB/ Micro SD / USB 2.0 / MIC & 3.5mm earphone / SIM / POGO	USB, Mini USB, Micro SD	USB 3.0, USB 3.1; Headset, Port Replicator; Dual Antenna	USB 3.0, USB 3.1; Headset, Port Replicator; Dual Antenna
<b>Notes</b>	Hazardous locations			Supported payment features (PCI EPD 3.x/EMV L 1)	Supported payment features (PCI EPD 3.x/EMV L 1)	Accelerometer		

		Pidion		Samsung		Sumo		Unitech	XPlore	Zebra
		BP50	BP70	Galaxy Tavb Active	ST3075Q	ST370A	ST357	TB120	XSLATE D10	ET50/55
										
<b>Operating System</b>		Android 4.0	Android 4.0	Android Kitkat	Android 4.2	Android 2.3 (Gingerbread) Android 4.0 (Ice Cream Sandwich)	Android 4.1	Android 4.1.1 Jelly Bean	Android™ Lollipop 5.1, 6.0.1, Marshmallow	Windows Industry Embedded 8.1 Pro with Connected Standby (Windows 10 ready) Available in Q1 of 2016 as Android
<b>Processor</b>		Dual-core	Dual-core	Quad Core, 1.2GHz	Quad Core, 1.4GHz	Samsung 1.0GHz	Quad Core, 1.2GHz Qualcomm Snapdragon 200 MSM8225Q, ARM v7	TI OMAP 4470 1.5Ghz Dual	Intel® Atom™ E3845 Quad Core 1.91 GHz	Intel quad core 2.4 GHz 64 bit
<b>Memory</b>	<b>RAM</b>	1GB	1GB	1.5GB	1GB	512MB	1GB	1GB Mobile DDR	4 GB DDR3L	4GB LPDDR3
	<b>ROM</b>	16GB	16GB	1.6GB	8GB	4GB to 16GB	8GB Flash	8GB eMMC Flash	64 GB SSD	64 GB eMMC Flash
<b>SD Slot</b>		Micro HDMI	Micro HDMI	Micro-SD up to 64GB	Micro-SD up to 32GB	MicroSD Slot up to 32GB	Micro-SD up to 32GB	Micro SD	Micro SDXC	USB2.0
<b>Drop Spec</b>		4ft	5ft	1.2m		3ft	4ft	4ft	5ft	1m
<b>Ingress Protection</b>		IP65	IP65	IP67		IP54	IP67	IP65	IP65	IP65
<b>WLAN</b>		802.11a/b/g/n	802.11a/b/g/n	802.11a/b/g/n, NFC	802.11a/b/g/n	802.11 b/g/n	802.11 b/g/n	802.11 b/g/n	802.11ac	802.11a/b/g/n/k/r
<b>PAN</b>		BT V2.1 + EDR	BT V2.1 + EDR	BT 4.0 BLE	BT 4.0 HS	BT v2.1 + EDR	V2.1 EDR+A2DP	BT v4.0	BT v4.0	BT v4.0
<b>WWAN</b>		Optional, 4G LTE, HSPA+/HSPA/UMTS, EDGE/GSM	Optional, 4G LTE, HSPA+/HSPA/UMTS, EDGE/GSM	A2DP, AVRCP, DI, HID, HOGP, HSP, OPP, PAN	3G Opt for HSPA+/WCDMA/EDGE/GPRS/GSM	UMTS - 3G	3G GSM/GPRS/EDGE/WCDMA/HSDPA/HSUPA	GSM/GPRS/EDGE 850/900/1800/1900 MHz/UMTS (optional)	4G LTE (Optional)	Global LTE with HSPA+
<b>GPS</b>		Assisted GPS	Assisted GPS	GPS, GLONASS		3.5G for mobile connectivity (Optional)	Optional supporting RTCM2.3 and RTCM3.0	Yes + Digital compass	Dedicated, Standard, 2.5m Accuracy	Integrated
<b>Imager</b>		No	No	No	Option 1D /2D	No	Option 1D /2D	1D / 2D	1D/2D Barcode Scanner (optional)	Expansion pack accessory
<b>Camera</b>		Front: 2MP. Rear: 5MP with LED. Webcam	Front: 2MP. Rear: 5MP with LED. Webcam	3.1MP rear, 1.2MP front	Option 5MP	5MP 5MP LED Flash (Rear) 1.3MP (Front)	2MP front, 8MP rear	2.0 MP Front, 5.0 MP Rear	2.0 MP Front, 5.0 MP Rear	2.0 MP Front, 8.0 MP Rear
<b>Keypads</b>		Virtual	Virtual	Capacitive touch	Capacitive touch	Capacitive touch	Capacitive touch	T34 numeric and function, capacitive touch screen	10-Finger Multi-Touch, Glove Touch	Capacitive 10 point multi-touch
<b>Batteries</b>		14.8-watt-hour(4,000mAh) lithium-polymer	22.2-watt-hour(6,000mAh) lithium-polymer	4,450mAh (User-replaceable)	Li-ion 3.7V, 4000mAh	Lithium-Polymer 3850mAh	3.7V, 7000mAh	3.7V @5000mAh Li-Polymer	39.2 Whr, Single Battery	5900 mAh rechargeable Smart Li-Ion
<b>Dimensions (mm)</b>		198 x 125 x 13.5	262 x 178.2 x 14.8	126.2 x 213.1 x 9.75	133 x 210 x 18	132 x 220 x 17	160 x 190 x 20 mm	TBA	281 x 180 x 22	8.3": 228 x 150 x 12.5 10.1": 269 x 181 x 12.5
<b>Weight</b>		462g	757g	393g	0.5 kg	0.58Kg	750g	TBA	1.09 kg	8.3": 555 g; 10.1": 750 g
<b>Display</b>		7" LED-backlit widescreen	10.1-inch LED-backlit widescreen	8" WXGA(1280 x 800) TFT LCD	7" LED-backlight	7" LED-backlight	7" Sunlight Readable	7" LCD	10.1" WXGA	21 cm and 25.6 cm
<b>RFID</b>				No	Optional HF/RFID 13.56MHz reader	No	Optional HF/RFID	Optional		
<b>Connectors</b>		1 Micro HDMI	1 Micro HDMI	USB 2.0 High Speed, BT 4.0 BLE, WiFi 802.11 a/b/g/n, NFC	USB 2.0; mini USB (with OTG function); Headphone Out (2.5mm); DC-in; Micro-SD Slot up to 32GB	USB 2.0 Mini B; Type A USB Host. 3.5mm Headphone with Mic-in. Internal Mic; Built in speaker; HDMI Out	Micro USB, Headphone out, DC in, SD slot	TBA	DC Power; 2 x USB 3.0; Micro SDXC; Micro HDMI-out; Micro SIM Card Reader; Headphones/Speaker Mini-Jack Stereo, Smart Phone Headphone Compatible	USB 3.0; HDMI; USB 2.0; Audio jack
<b>Notes</b>										