





















TABLET RTK ANDROID COMPARISON

UPDATE JUNE 2020											
											
CHANNELS		184	240	240	120	184	184	184	184	432	432
BOARD		u-blox F9P	TRI	TRI	NOV	u-blox F9P	u-blox F9P	u-blox F9P	u-blox F9P	Unicomcomm UC4CO	Unicomcomm UC4CO
SIGNALS TRACKING	GPS	L1/L2	L1/L2	L1/L2	L1/L2	L1/L2	L1/L2	L1/L2	L1/L2	L1/L2	L1/L2
	GLONASS	L1/L2	L1/L2	L1/L2	L1/L2	L1/L2	L1/L2	L1/L2	L1/L2	L1/L2	L1/L2
	BEIDOU	B1/B2	B1/B2	B1/B2	B1	B1/B2	B1/B2	B1/B2	B1/B2	B1/B2	B1/B2
	GALILEO	E1/ESB	E1/ESB	E1/ESB	E1	E1/ESB	E1/ESB	E1/ESB	NO	NO	E1/ESB
	QZSS	NO	L1/L2C	L1/L2C	NO	NO	NO	NO	NO	NO	L1/L2C
	L-BAND	NO	RTX	RTX	NO	NO	NO	NO	NO	NO	NO
	IRNSS	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
ACCURACY	SBAS	NO	√	√	√	NO	NO	NO	√	√	√
	Post Processing RTK	<1cm	<1cm	<1cm	<1cm	NO	NO	NO	<1cm	<1cm	NO
CPU		Octacore SDM632	Quadcore Snapdragon 410	Quadcore Snapdragon 410	Texas OMAP4470	Octacore MSM8953	Octacore MSM8953	Octacore	Octacore	Octacore	Cortex A72 Decacore
OPERATION SYSTEM		Android 9	Android 6	Android 6	Android 4.2.2	Android 9	Android 8.1	Android 8.1	Android 5	Android 5.1	Android 8
RAM		4 Gb	2 Gb	2 Gb	1 Gb	4 Gb	4 Gb	6 Gb	2 Gb	3 Gb	4 Gb
FLASH MEMORY		64 Gb	16 Gb	16 Gb	4 Gb	64 Gb	64 Gb	64 Gb	16 Gb	32 Gb	64 Gb
DISPLAY		8"	5.3"	5.3"	4.7"	8"	8"	8"	7"	7"	7"
DISPLAY RESOLUTION		1920x1200	1280x720	1280x720	854x480	1280x800	1920x1200	1920x1200	1280x800	1280x600	1280x800
BRIGHTNESS		500 Nit	450 Nit	450 Nit	600 Nit	500 Nit	450 Nit	500 Nit	500 Nit	500 Nit	500 Nit
CAMERA		13 Megapixel	13 Megapixel	13 Megapixel	8 Megapixel	13 Megapixel	16 Megapixel	13 Megapixel	13 Megapixel	13 Megapixel	13 Megapixel
CONNECTIONS	SERIAL RS232	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
	USB TYPE C	√	NO	NO	NO	√	√	√	√	√	√
	USB STANDARD	NO	√	√	√	NO	NO	NO	√	√	√
	WI-FI	√	√	√	√	√	√	√	√	√	√
	BLUETOOTH	√	√	√	√	√	√	√	√	√	√
	HDMI	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
CONNECTOR FOR GPS EXTERNAL ANTENNA		√	√	√	√	√	√	√	NO	NO	√
G-SENSOR		√	√	√	√	√	√	√	√	√	√
GSM		4G	4G	4G	3G	4G	4G	4G	4G	4G	4G
CHANGE BATTERY		√	√	√	√	√	√	√	√	√	NO
POWER BATTERY		8 hours	8 hours	8 hours	8 hours	8 hours	8 hours	10 hours	10 hours	10 hours	12 hours
NR. BATTERIES		1	1	1	1	1	1	1	1	1	1
Battery capacity		8000mAh	6400mAh	6400mAh	7800mAh	8000mAh	8000mAh	10000mAh	4000mAh	7200mAh	10000mAh
WEIGHT		598 gr	850 gr	850 gr	880 gr	598 gr	675 gr	680 gr	1060 gr	750 gr	750 gr
SIZE (cm)		23.5 x 14.6 x 3.2	29.5 x 12.0 x 4.5	29.5 x 12.0 x 4.5	25.9 x 9.9 x 4.0	23.5 x 14.6 x 1.3	24.0 x 15.1 x 3.2	22.0 x 13.0 x 1.8	22.0 x 13.5 x 1.8	22.7 x 14.9 x 3.4	20.2 x 13.8 x 2.2
OPERATING TEMPERATURE		-20° + 60°	-20° + 60°	-20° + 60°	-30° + 60°	-20° + 60°	-20° + 60°	-40° + 60°	-30° + 60°	-20° + 60°	-10° + 55°
IP		67	67	67	67	67	67	67	67	65	67
MIL STD		NO	√	√	√	NO	NO	NO	NO	NO	NO
SOFTWARE		Cube-a	TerraFlex	Survey Mobile	Zeno Field	X-PAD	LandStar 7	Hi-Q	Hi-Survey Road	GiStar	2018
PRESENTATION		2020	2018	2018	2015	2020	2019	2019	2018	2018	2018