







CONTROLLER ANDROID WITH KEYBOARD

UPDATE NOVEMBER 2020		STONEX	CHCNAV	COMNAV	TERSUS	SOUTH	HI-TARGET
							
MODEL		SH5A	HCE320	R500	TC20	H3 Plus	iHand30
PROCESSOR		2.0 GHz	1.4 GHz	1.3 GHz	1.3 GHz	1.3 GHz	1.5GHz
		MT6762 octa-core	Qualcomm MSM8940	MT6735	MT6735	MT6735	MTK6737
OPERATION SYSTEM		Android 9.0	Android 8.1	Android 6.0	Android 6.0	Android 6.0	Android 6.0
RAM		3 Gb	2 Gb	2 Gb	2 Gb	2 Gb	2 Gb
FLASH MEMORY		32 Gb	16 Gb	16 Gb	16 Gb	16 Gb	16 Gb
DISPLAY DIMENSION		5"	5.5"	4.3"	4.3"	4.3"	3.7"
DISPLAY RESOLUTION		1280x720	1280x720	800x480	800x480	800x480	640x480
BRIGHTNESS (nits)		400	500				
CONNECTIONS	SERIAL	NO	NO	NO	NO	NO	NO
	USB TYPE C	√	√	√	√	√	√
	USB STANDARD	NO	NO	NO	NO	NO	NO
	WI-FI	√	√	√	√	√	√
	BLUETOOTH	√	√	√	√	√	√
NFC	NO	√	√	√	√	√	
KEYBOARD		Full	Alphanumeric	Alphanumeric	Alphanumeric	Alphanumeric	Alphanumeric
GSM		4G	4G	3G	4G	4G	4G
SENSOR	CAMERA	13 Megapixel	8 Megapixel	8 Megapixel	8 Megapixel	8 Megapixel	8 Megapixel
	GNSS	√	√	√	√	√	√
	GYROSCOPE	√	√	√	√	√	√
	E-COMPASS	√	√	√	√	√	√
CHANGE BATTERY		√	√	√	√	√	√
BATTERY CAPACITY (mAh)		5200	8000	6500	6500	6500	5200
POWER BATTERY		12 hours	16 hours	14 hours	10 hours	35 hours	15 hours
NR. BATTERIES		1	1	1	1	1	1
WEIGHT		350 gr	350 gr	520 gr	495 gr	520 gr	440 gr
DIMENSION (mm)		225x78x14.5	221x87x20		201x87x31		208x83x24
IP		67	67	68	67	68	67
MIL -STD		MIL-STD-810H	MIL-STD-810G	MIL-STD-810G	NO	NO	NO
OPERATING TEMPERATURE		- 20° + 55°	- 20° + 60°	- 30° + 60°	- 20° + 55°	- 30° + 60°	- 20° + 60°
SOFTWARE		Cube-a	LandStar	Survey Master	Survey Software	GISTar	Hi-survey Road
PRESENTATION		2020	2018	2017	2018	2017	2018

Legend		Competitor is worst
		Competitor is better