

## 2025 LandMark Spatial Solutions Android Unit Matrix

	Samsung Galaxy Tab Active 5	Handhelds Nautiz X6 Limited Quantities Left	Juniper Systems Archer 4 BEST SELLER	Juniper Systems Allegro Wireless Keyboard	Juniper Systems Mesa 3 Geo PRICE DROP	Trimble TSC510	9/1/2025
Pros:	Good GPS, rugged, includes special stylus. Stylus-only mode in MobileMap. Cheapest.	Phablet size. Rugged, great GPS, 15 hour battery, and great price.	Exceptional in All Aspects! Optional GNSS Pod for submeter accuracy for \$850 more.	Universal Bluetooth Keyboard for Android, Apple, and Windows devices, 200 hr battery	Fastest Processor, most memory and RAM. Most rugged and best warranty	Full alpha-numeric backlit keyboard, Speaker, Optional Empower GPS, Barcode/RFID Scanner	
Cons:	Battery & GPS not as good as other units. Not as rugged.	EOL in Dec 2025			Less Accurate GPS		
Price:	\$510 Wifi or \$615 LTE	\$1,099	\$1600 with 8300 mAh battery	\$700	\$1,675	\$4,650	
Android Version:	Android 14	Android 11	Android 14 (update to ver 18)		Android 14	Android 14	
Processor/Chipset:	Octa-core 2.4/2GHz Samsung Exynos 9810	2.2 Qualcomm Snapdragon 626 MSM8953 Pro, Octa-core	Qualcomm QCM4490 (Released Fall 2022)		Qualcomm Snapdragon Octocore Ktro	2.7 GHz Qualcomm 6490	
Google Mobile Certified:	Yes	Yes	Yes		Yes	Yes	
Internal Memory:	128 GB	64 GB	128 GB		64 GB eMMC Flash	125 GB eMMC Flash	
Additional memory:	MicroSD Card up to 1 TB	MicroSD Card up to 128 GB	Micro SD Card up to 512 GB		MicroSD Card up to 1 TB	NA	
RAM:	6 GB or 8 GB	4 GB	8 GB		6 GB LPDDR4x	8 GB	
Display Size/Type:	8.0" WXGA TFT (1920 x 1200) 16:10 ratio (~283 ppi density) Gorilla Glass 5	6" Multi-Touch Sunlight Readable (1920 x 1080)	6.3" FHD 1080P, 500 Nits, Glove + Wet Finger Touch Profiles		7" WXGA (1280 x 800), High-Vis backlit LCD, Qualcomm® Adreno™ 512 GPU, Chemically-strengthened Dragontrail™ High Ion-Exchange	5" Landscape HD 800 cd/m² sunlight readable LED backlight, projective capacitive multi-touch touchscreen with stylus, finger, and glove modes	
Rear Camera:	13 MP AF + 5.0MP, Flash	13 megapixel camera with autofocus and LED flash	48MP		16 MP with LED flash	16 MP with LED flash	
Front Camera:	5 MP	5 MP	16MP		2 MP	5 MP	
IP Rating:	IP 68 ?	IP 67	IP 68	IP 68	IP 68	IP 68	
Standard Warranty:	1 Year	1 Year	2 Years	2 Years	2 years	2 Years	
Extended Warranty:	Up to 4 years	Up to 5 Years	Up to 5 Years		Up to 5 Years		
Battery	5050 mAh	8000 mAh/30.4 Wh	8300 mAh	4500 mAh	43.2 Wh	4530 mAh	
AC charge time:	Fast Charging	4 hours			2-4 hours	3.5 hours	
Battery life:	8 Hours	15 hours	18-20 hours + hot swappable	200 hours	10-12 hours	16-18 hours	
GPS Receiver Type:	GPS, Glonass, Beidou, Galileo, QZSS	UBLOX GNSS Neo -M8T GPS/GLONASS/Galileo/Beidou	A-GPS/GPS/Glonass/Galileo/Beidou Dual L1/L5 Receiver		Qualcomm SDR660 GNSS receiver and integrated antenna; GPS, GLONASS, Galileo	Sierra Wireless EM7590; L1 C/A GPS/Glonass/Beidou/Galileo/ QZSS; Dual Frequency - L1 C/A	
SBAS:	WAAS	WAAS, EGNOS	WAAS, EGNOS		WAAS, EGNOS	WAAS	
Accuracy (Autonomous)	1-3 meters	1-3 meters			2-4 meters		
Accuracy with SBAS (Open Sky):	1-3 meters	< 2 meters			2-4 meters		
Sensors:	Accelerometer, Fingerprint Sensor, Gyro Sensor, Geomagnetic Sensor, Hall Sensor, Proximity Sensor, RGB Light Sensor	Accelerometer, Sensor, Gyro Sensor, Compass, Proximity Sensor, RGB Light Sensor, Pressure; Optional barcode imager and UHF RFID	Ambient Light, Accelerometer, Magnetometer, Gyroscope, Proximeter, Barometer, Barcode (SE4107), Ublox F9P GNSS		Ambient Light, Compass, Accelerometer, Gyroscope Optional barcode imager and UHF RFID	6-axis accelerometer, Magnetic sensor, Ambient light sensor, SAR sensor, Compass	
Cellular Capability:	LTE Cat 6 - AT&T, Verizon, T-Mobile	4G/LTE (1,2,3,4,5,7,8,17,20,28,38,39,40, 41)	5G T-Mobile, AT&T, and other global carriers, (still investigating Verizon)		4G LTE multi-carrier capable	4G LTE	
Measurements (in):	5.0 in x 8.5 in x 0.4"	7.5 in x 3.5 in x 0.5 in	6.9 in x 3.3 in x 0.6 in	9.98 in x 4.76 in x 1.23 in	8.5 in x 5.4 x 1.4 in	11.3 in x 6.9 in x 1.7 in	
Weight (oz):	15.3 oz	13.4 oz	13.9 oz	1.25 lbs	24 oz	2.06 lb	
Ports:	USB Type-C 3, 3.5 mm	USB Type-C; Back Connector for Expandability	USB C OTG, Quick charging capability	USB C	USB-C, Optional RS-232, Dock Connector	USB C	
WiFi:	Wifi 6, MIMO	Wi-Fi 802.11 a/b/g/n/ac (2.4GHz+5GHz)	Dual 2.4/5 GHz 802.11 a/b/g/n/ac/ax		Wi-Fi 802.11 a/b/g/n/ac, 2.4 GHz and 5 GHz	Wifi 6E, 2.4 GHz & 5 GHz & 6 GHz	
Security:	Knox 2.8	MaxGo			No	TLS 1.3	
Bluetooth:	5.0, A2DP, LE	Ver 4.1	5.2 and BLE, Class 1.5	5.0	Long-Range v5.0 + EDR, Class 1.5 BLE	5.2, BLE 5, Class 1	
Operating Temp.:	-4 to 131 °F	-4 to 131 °F			-4 F to 122 F	-22 to 140 °F	