

2026 LandMark Spatial Solutions Android Unit Matrix

	Samsung Galaxy Tab Active 5 	Handhelds Nautiz X6 Pro  Newly Updated Device!	Juniper Systems Archer 4 	Juniper Systems Allegro Wireless Keyboard 	Trimble TSC510 
Pros:	Good GPS, rugged, includes special stylus. Stylus-only mode in MobileMap. Cheapest.	Rugged, great GPS, 15 hour battery, and great price.	Exceptional in All Aspects! 20 hr battery. Optional GNSS Pod (\$1000) for submeter to 1" accuracy with NTRIP.	Universal Bluetooth Keyboard for Android, Apple, and Windows devices, 200 hr battery	Full alpha-numeric backlit keyboard, Speaker, Optional Empower GPS, Barcode/RFID Scanner
Cons:	Battery & GPS not as good as other units. Not as rugged.				
Price:	\$520 Wifi or \$630 LTE	\$1,330	\$1600 with 8300 mAh battery	\$700	\$4,650
Android Version:	Android 15	Android 14	Android 14 (update to ver 18)		Android 14
Processor/Chipset:	Octa-core 2.4/2GHz Samsung Exynos 9810	Qualcomm® QCM4490 Octa-Core	Qualcomm QCM4490 (Released Fall 2022)		2.7 GHz Qualcomm 6490
Google Mobile Certified:	Yes	Yes	Yes		Yes
Internal Memory:	128 GB	128 GB	128 GB		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		NA
RAM:	6 GB or 8 GB	8 GB	8 GB		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), Glove + Wet Finger Touch Profiles	6.3" FHD 1080P, 500 Nits, Glove + Wet Finger Touch Profiles		5" Landscape HD 800 cd/m ² sunlight readable LED backlight, projective capacitive multi-touch touchscreen with stylus, finger, and glove modes
Rear Camera:	13 MP AF + 5.0MP, Flash	32 megapixel camera with autofocus and LED flash	48MP		16 MP with LED flash
Front Camera:	5 MP	8 MP	16MP		5 MP
IP Rating:	IP 67	IP 68	IP 68	IP 68	IP 68
Standard Warranty:	1 Year	1 Year	2 Years	2 Years	2 Years
Extended Warranty:	Up to 4 years	Up to 5 Years	Up to 3 Years		
Battery	5050 mAh	8000 mAh/30.4 Wh	8300 mAh	4500 mAh	4530 mAh
AC charge time:	Fast Charging	4 hours			3.5 hours
Battery life:	8 Hours	15 hours + hot swappable	18-20 hours + hot swappable	200 hours	16-18 hours
GPS Receiver Type:	GPS, Glonass, Beidou, Galileo, QZSS	A-GPS / GPS L1+L5 / GLONASS / Galileo /Beidou	A-GPS/GPS/Glonass/Galileo/Beidou Dual L1/L5 Receiver		Sierra Wireless EM7590; L1 C/A GPS/Glonass/Beidou/Galileo/QZSS; Dual Frequency - L1 C/A
SBAS:	WAAS		WAAS, EGNOS		WAAS
Accuracy (Autonomous)	2-4 meters	1-3 meters	1-3 meters		
Accuracy with SBAS (Open Sky):	1-3 meters	< 2 meters	Submeter with GNSS pod		
Sensors:	Accelerometer, Fingerprint Sensor, Gyro Sensor, Geomagnetic Sensor, Hall Sensor, Proximity Sensor, RGB Light Sensor	Gyroscope, Compass, Accelerometer, Pressure, Proximity, Ambient light; Optional barcode imager and UHF RFID	Ambient Light, Accelerometer, Magnetometer, Gyroscope, Proximeter, Barometer, Barcode (SE4107), Ublox F9P GNSS		6-axis accelerometer, Magnetic sensor, Ambient light sensor, SAR sensor, Compass
Cellular Capability:	LTE Cat 6 - AT&T, Verizon, T-Mobile	5G/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
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	11.3 in x 6.9 in x 1.7 in
Weight (oz):	15.3 oz	13.8 oz	13.9 oz	1.25 lbs	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
WiFi:	Wifi 6, MIMO	Wi-Fi 802.11 a/b/g/n/ac (2.4GHz+5GHz) Wifi 6E	Dual 2.4/5 GHz 802.11 a/b/g/n/ac/ax		Wifi 6E, 2.4 GHz & 5 GHz & 6 GHz
Security:	Knox 2.8	MaxGo			TLS 1.3
Bluetooth:	5.0, A2DP, LE	Ver 4.1	5.2 and BLE, Class 1.5	5.0	5.2, BLE 5, Class 1
Operating Temp.:	-4 to 131 °F	-4 to 131 °F	-4 to 140 °F		-22 to 140 °F

6/16/2026