



# A-Tab

## RUGGED DATA CONTROLLER

A-Tab, a new data collector of ALPHAGEO featuring the latest industrial-grade processor, designed for field measurements and mapping operations with its slim form factor and a standard English keyboard. The 5.5-inch 550nit brightness display utilizes Gorila Glass, enhancing durability while offering exceptional sunlight readability.





# Rain or Shine Your Data Stays Precise

The 5.5-inch industrial-grade display features full HD (1080P) resolution and 550nit high luminance, ensuring superior sunlight readability for outdoor data collection. It incorporates Corning scratch-resistant toughened glass and supports advanced wet-touch tracking technology, effectively mitigating liquid interference for reliable operation in wet conditions.

## A-Tab Rugged-Connected-Unstoppable

A-Tab provides various connectivity options, including Bluetooth 5.0, dual-band 2.4G and 5G W-Fi, and a 4G modem supporting global networks, ensuring seamless and reliable connectivity with your preferred GNSS receivers and RTK network correction sources.

The built-in 9000mAh battery provides long-lasting performance, designed for extreme durability. It can withstand drops from heights of up to 1.5 meters and complies with stringent IP68 standards. A-Tab excels in challenging environments, making data collection tasks easier and more efficient.







## Engineered for Speed Built for the Field

The A-Tab is equipped with the high-performance processor, designed with an 12nm fabrication process, providing powerful performance for smooth CAD drawing management and basemap display, greatly enhancing productivity.

Dual-band Wi-Fi and 4G cellular network ensure stable and reliable internet connectivity, while the physical Type-C USB interface allows faster data transferring, enabling instant uploads of large project files.

## Lightweight Agility Industrial Strength

The A-Tab features a popular slim and lightweight design, yet it comes with a high-capacity internal battery, weighing just a light 436g. Designed to IP68 standard waterproofing to ensure outstanding protection for your data terminal in harsh environments.

The QWERTY keyboard design allows to input data quickly without changing user habits. Moreover, without increasing the device's size, we've thoughtfully reserved multiple shortcut buttons to assist you in swiftly completing various operations in industry applications.

The 9000mAh large-capacity battery design ensures uninterrupted data collection tasks, making the A-Tab an efficient handheld terminal for measurement and mapping applications.



## Big Memory Massive Storage

The A-Tab is equipped with 6GB of high-speed RAM and 128GB of internal storage (ROM), expandable up to 512GB, effortlessly handling multitasking and massive data storage needs.

Whether it's high-precision mapping files, GIS databases, or on-site captured images, the device ensures smooth operation and secure storage, eliminating performance and capacity concerns for outdoor operations.



# PRODUCT APPEARANCE DISPLAY





# Specifications>>>

System	
Operating system	Android 10 (GMS supports)
Online update	FOTA update
CPU	MediaTek MT6769 Octa-core 2.0 GHz
RAM	6GB
Flash memory	128GB eMMC
Extendable memory	MicroSDHC up to 512GB
Physical	
Dimensions (L×W×H)	226.3mm×90.6mm×16.9mm
Weight	436g with battery
Operating temperature	-25°C~+65°C
Storage temperature	-40°C~+70°C
Waterproof/Dustproof	IP68
Shock and vibration	1.5m (4 ft) fall onto concrete
Humidity	5% ~ 95% non-condensing
Display	5.5-inch, 1920×1080 pixels HD, 550nit brightness
Touch screen	Capacitive multi-touch, supports stylus and gloves mode, wet touch mode
Keypad	QWERT key
Camera	13 MP with auto-focus and flash
Communications	
	GSM: 850/900/1800/1900
	WCDMA: B1/B2/B4/B5/B8
Cellular network	LTE-TDD: B34/B38/B39/B40/B41
	LTE-FDD: B1/B2/B3/B4/B5/B7/B8/B12
	B13/B17/B20/B25/B26/B28/B66
SIM card type	Nano-SIM card
WiFi	802.11a/b/g/n/ac (Dual Band 2.4 & 5GHz)
Bluetooth	BT5.0
USB	Type-C USB 2.0
NFC	Supports

Electrical	
Battery	9000 mAh Li-ion battery
Battery life	>22 hrs
Charging time	<4 hrs (typically)
Sensors	
GNSS	GNSS (BDS, GPS, GLONASS), A-GPS supports
G-Sensor	Supports
Gyroscope	Supports
E-Compass	Supports
Accelerometer	Supports
Light sensor	Supports
Speaker	Supports
Microphone	Supports
Standard accessories	
A/C charger	Yes
USB cable	Yes
Stylus	Yes
Handstrap	Yes
Certifications	
CE	Yes
FCC	Yes
MSDS	Yes





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