

# TB8-A Tablet

## High Precision Version

# Armour Tech

### Performance

CPU	Qualcomm 8953 2.2GHz
OS	Android10
ROM	64GB
RAM	4GB
Extention	Micro SD card, up to 512 GB
Rear Camera	16M
Front Camera	8M
Battery	9000mAh
Battery Working Time	15hrs

### Physical

Size	237mm*144mm*14mm
LCD	8" FHD 1920*1200 500Nits (Sunlight readable)
Touch Panel	Capacitive screen, support glove/wet hand
Flash Light	Y
Microphone	Y
Speaker	1.5W, waterproof
Weight	660g
Voltage	5V, 2A
Keypad	Power, Volume, F1, F2

### Communication

WIFI	802.11 a/b/g/n/ac, 2.4GHz/5GHz
SIM Card	Dual SIM & Dual standby
Network	GSM:850/900/1800/1900 WCDMA: B1/B2/B5/B8 TDD - LTE:Band38/Band39/Band40/Band41 FDD-LTE:Band1/Band2/Band3/Band4/Band5/ Band7/Band8/ Band17/Band20/Band28
Bluetooth	BT 4.2
USB	Type C
External Interface	USB, UART, GPIO
Support Protocols	Ntrip

### GNSS Specifications

Channels	184-channel u-blox F9 engine
Satellite Tracking	-GPS: L1C/A L2C, GLO L1OF L2OF - BeiDou: E1B/C E5b, BDS B1I B2I, -GLONASS: L1, L2 -Galileo: E1B/C E5b, BDS B1I B2I - QZSS: L1C/A L1S L2C, SBAS L1C/A - SBAS: L1, L5
Nav. update rate	RTK up to 20 Hz1
Position accuracy	RTK 0.01 m + 1 ppm CEP
Convergence time2	RTK < 10 sec

### Sensors

NFC	Y
G Sensor	Y
Gyroscope	Y
Light Sensor	Y
Compass	Y
2D scanner	Optional
OTG	Y

### Environmental

Work Temperature	-20 ~ 60
Storage Temperature	-30 ~ 70
Waterproof & Dustproof	IP67 MIL-STD-810H
Drop Test	1.2m drop
Humidity	95% no condensation

FCC, CE, RoHS