

APEX 101

HANDHELD DEVICE



GENERAL SPECS

CPU

ARM Cortex 1.5GHz
Quade Core

RAM

3GB

ROM

32GB

OS

Android 5.1/7.0

DISPLAY

4.5 inch IPS/AFFS
960*540 QHD
industrial 500unit
sunlight readable



VERTEX
NAVIGATION SOLUTIONS

APEX 101

Detailed Specifications

Hardware

CPU	ARM Cortex 1.5 GHz Quad Core
RAM	3GB
Internal Mem.	32GB ROM
External Mem.	Micro SD card (T-FLASH card), Max 128Gb
Main Camera	13.0MP(AF) with flash led
Battery	5000mAh (Replaceable Battery)
Display	4.5 inch IPS/AFFS 960*540 QHD industrial 500 nit Sunlight Readable
Touch Panel	Capacitive/toughened glass 9H support glove touch/spray/active capacitance pen

IO/Sensor/Navigation

SIM Card	1.8/3.3V SIM card
TF Card	Micro SD card (T-FLASH card), Max 128GB
Headphone	3.5mm (CTIA)
Data Interface	USB Mini 5pin support OTG
Direction Sensor	support
Gravity Sensor	support
Magnetic Field S.	support
Motion Sensor	support
Rotation Vector	support
Light-Sensor	support
Acceleration S.	support
Charger	5.0V 2A-10W
Navigation	GPS+Beidou+AGPS (EPO) optional (GPS+Glonass)

Size

Size	202*138*22mm (LxWxH)
Weight:	660g

Communication & Networking

Phone Call	GSM/WCDMA/TD-SCDMA/CDMA 1X/VoLTE
2G	GSM/CDMA 1X/EDGE/GPRS/WAP
2G Band	GSM (B2/3/5/8)
3G	WCDMA 3.75G (HSDPA+42.2Mbps,HSUPA+11.5Mbps) TD-SCDMA, EVDO
3G Band	WCDMA (B1/2/5/8) TDSCDMA (B34/39)Evdo:BC0/BC1 CDMA: BC0/BC1
4G	FDD 150Mbps down, 50Mbps up TDD: 150Mbps 50Mbps uplink
4G Band	TD-LTE (B38/39/40/41) FDD LTE (B1/2/3/5/7/20)
WI-FI	Dual-Band (2.4GHz/5GHz) single stream 802.11 a/b/g/n MAC/BB/RF
Bluetooth	BT v2.1+EDR/BT 3.0+HS compliance/Bluetooth v4.0 Low Energy (LE)

Industrial & Reliability Design

Shake-proof	1-19Hz/1.0mm: 19-200Hz/1.0g
Drop-proof/IK	MIL-STD-810G/Method516.6/Procedure IV & Touch Panel IK05
Waterproof	Class 7 (IEC 60529)
Dust-proof	Class 6 (IEC 60529)
Reliability	MTBF>5000h: MTTR<0.5h
Operating Temp.	-20°C to 55°C
Storage Temp.	-40°C to 80°C

Certification/OS/Software

Certification	CE/ROHS
OS	Android 5.1/7.0

*The above technical parameters are subject to the actual product; any changes will be made without further notice.



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Apex 101 Datasheet Rev. 0