

Geodesical®

GEODESICAL H55

5.5 inch Qualcomm® Rugged Tablet

KEY FEATURES

Android 7.1 GMS

Qualcomm® Snapdragon MSM8940 8* A53 8 Cores 1.4GHz

Capacitive, 10-Point Touchscreen, Glove/Wet Finger Supported

3GB +32GB

G Sensor, Gyro., E-Compass, Accelerometer, Light Sensor, Flashlight,



◆ Operation System

OS	Android 7.1 GMS
CPU	Qualcomm® Snapdragon MSM8940 8* A53 8 Cores 1.4GHz
Memory	3GB +32GB
Language support	Multi-Language

◆ Display

Size	5.5" IPS HD 1280*720 500 Nits
Screen Technology	IPS Display Panel Coming® Gorilla® Glass 3
Touch Pannel	Capacitive, 10-Point Touchscreen, Glove/Wet Finger Supported

◆ Enclosure

Dimensions	5.5" 220 x 88 x 20mm (8.7 x 3.5 x 0.8 inch)
Weight	350g (12.3oz)

◆ Camera/Fotos/Video

Rear	6M Autofocus with Flash Light
Flash Lights	Support

◆ Keypad

8 Functions keys	Power/Full-featured Keyboard
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◆ Audio

Audio PA	Rear-facing Speaker
Audio Jack	Built-in Microphone

◆ Indicator

RGB Indicator

◆ Symologies

RFID(NFC)	Support UHF / NFC NFC Built-in: Frequency 13.56Mhz 0-3
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Power Source

Battery	Swappable Lithium-ion Polymer
LI-ion battery	8000mAh
Voltage	3.8V
Adapter	5V2A

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◆ Battery Approvals

UN38.3 MSDS IEC 62133

◆ Regulatory Approvals

FCC, CE, ISED, RCM, UKCA, KC, PTCRB, GCF
IP67
MIL-STD-810G

◆ Software

Compatible with common third-party software,

◆ Communcation

SD	1 * Micro SD Support max:128G
SIM	2 * Nano SIM & Dual Standby
Sensors	G Sensor, Gyro., E-Compass, Accelerometer, Light Sensor, Flashlight,
I/O	USB Type-c support OTG, USB 2.0
Bluetooth®	Bluetooth® 4.2
GPS	Qualcomm GPS
Positioning Accuracy	2.5 m CEP 2.0m in SBAS
WLAN	WIFI/BT/NFC
NFC	Support UHF / NFC
Wifi	Wi-Fi 802.11 a/b/g/n/ac, 2.4GHz/5GHz
WWAN	GSM:850/900/1800/1900 EVDO: BC0 WCDMA: B1/B2/B5/B8 TDD-LTE: B38/B39/B40/B41 FDD-LTE: B1/B2/B3/B4/B5/B7/B8/B17/B20/B28

◆ Environment

Operating temperature	-20°C~60°C(-4°F~140 °F)
Storage temperature	-30°C~70°C(-22°F~158 °F)
Relative Humidity	95% No Condensation
Drop Specification	1.2M (3.9 ft) Drop
Ingress Protection	MIL-STD-810G

◆ Inside the box



PAD553 Device
8000mAh
Type C Charging Cable
USB power adapter with EU, UK, US and AU

◆ Accessories

Handstrap
Shoulder Strap
Bag
Protected Case
Stylus
Micro SD Card
PM02 GPS Range Cradle