RugGear®

RG540

5G

GCF (requested)
PTCRB (requested)
CBRS supported

5G smartphone for MCPTX

Qualcomm high-performance 5G octa-core

MCPTX

Wi-Fi 6

6.0″ FHD display

16-pin interface

103 dB loudspeaker

Removable battery

3GPP release 15

Technical features

4400 mAh removable battery

5G 3GPP release 15
Global 5G band with CA & ENDC
Support CBRS band, EmBMS, VoNR
VoLTE, Vi-LTE and VoWiFi

6.0″ FHD, 1080 x 2160 display
Corning glass

Android 12, with GMS
(supports patch updates and major
version upgrade)

RAM: 8 GB

Rear HD camera: 48 MP (PDAF)
Front: 5 MP, FF

ROM: 128 GB
Micro SD up to 512 GB

GPS (A-GPS), Glonass, Galileo, Beidou

QCM6490, Octa-Core 2.7 GHz
QCI: 1-9, 65, 66, 67, 69, 70

NFC

802.11 a/b/g/n/ac/ax/e/k/r/v
Supports Wi-Fi 6, seamless roaming

Wet hands and gloves operation

V 5.2

Support P/L sensor, Accel, Gyro
E-compass, Barometer

180 x 84.5 x 19.5 mm, 420 g

Type-C, support USB 3.1
Nano-SIM + eSIM
16-pin interface

2W Φ32 loudspeaker, ≥103 db
Dual MIC noise reduction

GSM: 850/900/1800/1900 MHz
WCDMA: B1/2/4/5/8
TDD-LTE: B38/39/40/41(full)/42/43/48
FDD-LTE: B1/2/3/4/5/7/8/12/13/14/17/20/25/26/28/29/30/66/71
5G NR: n1/n2/n3/n5/n7/n8/n12/n20/n25/n28
n38/n30/n40/n41/n48/n66/n71/n77/n78/n79

Accessories

Desktop Charger

Belt Clip

16-pin PTT Headset

16-pin PTT RSM

SOS button

Camera

LED Flash

Loudspeaker

16-pin interface

PTT/Customized button

Volume button

Battery

Camera/Customize button

Charging contacts

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