

Franklin JeXtream[®]

RG3100 5G

Spec Sheet



Modern Technology

(3GPP Rel.17)

Qualcomm SDX72 + SDR753

LTE Category DL 18 / UL 13

NR 3 DL CA (3F, 2F+1T, 1F+2F, 3T), NR 2 UL

CA (1F+1T, 2F)

EN-DC DL LTE 4CC + NR FDD 1CC

EN-DC DL LTE 4CC + NR TDD 1CC

EN-DC DL LTE 4CC + NR 1xFDD or 1xTDD

EN-DC DL LTE 2CC + NR 2xTDD

4x4 Downlink MIMO, GPS/Location

Domestic Bands

5G NR n25, n41, n48, n71, n66, n77

4G LTE B2, 4, 5, 12, 25, 26, 41, 48, 71

Roaming Bands

5G NR n28, n66, n78

4G LTE 1, 3, 7, 8, 20, 28, 38, 39, 40 / UMTS B1, 2, 4, 5, 8

5G Uplink Enhancement

PC 1.5 for n77(3.45 – 3.55GHz) and n41

5G Downlink Enhancement

8 Receiver Diversity on n77 and n41

Wi-Fi 7

WCN7851, IEEE 802.11 a/b/g/n/ac/ax/be,

DBS, HBS

Dual Band Simultaneous operation 2.4 + 5/6

Tri-Band switching 2.4+5, 2.4+6, 5+6, 2x2

MU-MIMO

Up to 32 connections concurrently

Display

2.4-inch, TFT Color, Resolution
320x240

Battery

5000 mAh, Battery Less Operation

Interfaces

1 Gbps Ethernet, USB Type-C,
Nano-SIM (4FF) Slot
Three Navigation Keys, One Power
On/Off button
One Status LED indicator
2x TS9 external antenna ports

Account Management & Device Support

At Mission Telecom, we don't just provide affordable connectivity—we stand by the devices we sell.

All new devices come with a standard 1-year warranty (Certified Pre-Owned may vary), and we'll guide you through troubleshooting every step of the way. Whether support is handled directly through us or escalated to our partners and OEMs, we make sure issues are resolved quickly and replacements are handled smoothly. With Mission Telecom, you'll always have a team looking out for you.

About Mission Telecom

Mission Telecom provides affordable and reliable best-in-class broadband to schools, libraries, and nonprofits, ensuring that connectivity is never a barrier to learning, innovation, or community development. With affordable plans, no data caps, and no overage fees, we empower mission-driven organizations with the reliable internet they need to serve their communities and maximize their impact.

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