RUTX14 Power Consumption

[Main Page](#) > [RUTX Routers](#) > [RUTX14](#) > [RUTX14 Manual](#) > **RUTX14 Power Consumption**

[RUTX14](#) power consumption values in different states of operation are represented in the tables below:

Test type	Current (mA)	Power consumption (W)
Idle, no SIM card inserted (9 V)	**406**	**3.65**
Idle, no SIM card inserted (12 V)	**305**	**3.66**
Idle, no SIM card inserted (24 V)	**154**	**3.67**

Test type	Current (mA)	Power consumption (W)
Idle + mobile data on [1] (9 V)	**409**	**3.68**
Idle + mobile data on [1] (12 V)	**308**	**3.70**
Idle + mobile data on [1] (24 V)	**162**	**3.89**

Test type	Current (mA)	Power consumption (W)
Mobile data on [1] + 1 LAN device connected [2] (9 V)	**440**	**3.96**
Mobile data on [1] + 1 LAN device connected [2] (12 V)	**333**	**4.00**
Mobile data on [1] + 1 LAN device connected [2] (24 V)	**170**	**4.08**

Test type	Current (mA)	Power consumption (W)
Max speed LTE transmission + 5 LAN devices connected [2] + high CPU load [3] + data transfer via WiFi + GPS on + USB device connected [4] + 1 paired Bluetooth device (9 V)	**1232**	**11.00**
Max speed LTE transmission + 5 LAN devices connected [2] + high CPU load [3] + data transfer via WiFi + GPS on + USB device connected [4] + 1 paired Bluetooth device (12 V)	**920**	**11.04**
Max speed LTE transmission + 5 LAN devices connected [2] + high CPU load [3] + data transfer via WiFi + GPS on + USB device connected [4] + 1 paired Bluetooth device (24 V)	**466**	**11.18**

[1] - Only mobile data connection established with no additional traffic.

[2] - Data streams between RUTX14 and other connected LAN devices created using iPerf.

[3] - Load created using *md5sum* (calculation and verification of 128-bit MD5 hashes).

[4] - USB device with ~ 300 mA current draw.

Power consumption may differ due to mobile data transmission speed, testing environment and conditions.