## **RUTX12 Power Consumption**

<u>Main Page</u> > <u>RUTX Routers</u> > <u>RUTX12</u> > <u>RUTX12 Manual</u> > **RUTX12 Power Consumption** 

**Averaged** <u>RUTX12</u> power consumption values in different states of operation are represented in the tables below:

Test type  Idle, no SIM cards inserted (9 V)  Idle, no SIM cards inserted (12 V)  Idle, no SIM cards inserted (24 V)	Current (mA) 410 308 155	Power consumption (W) 3.69 3.70 3.72
Test type  Idle + mobile data on ¹ (1 SIM card) (9 V)  Idle + mobile data on ¹ (1 SIM card) (12 V)  Idle + mobile data on ¹ (1 SIM card) (24 V)	Current (mA) 419 313 162	Power consumption (W) 3.77 3.76 3.89
Test type  Idle + mobile data on ¹ (2 SIM cards) (9 V)  Idle + mobile data on ¹ (2 SIM cards) (12 V)  Idle + mobile data on ¹ (2 SIM cards) (24 V)	Current (mA) 424 319 164	Power consumption (W) 3.82 3.83 3.94
Test type  Mobile data on <sup>1</sup> + 1 LAN device connected <sup>2</sup> (2 SIM cards) (9 V)  Mobile data on <sup>1</sup> + 1 LAN device connected <sup>2</sup> (2 SIM cards) (12 V)  Mobile data on <sup>1</sup> + 1 LAN device connected <sup>2</sup> (2 SIM cards) (24 V)	Current (mA) 454 340 173	Power consumption (W) 4.09 4.08 4.15
Test type  Max speed LTE transmission + 5 LAN devices connected <sup>2</sup> + high CPU load <sup>3</sup> + data transfer via WiFi + GPS on + USB device connected <sup>4</sup> + 1 paired Bluetooth device (9 V)  Max speed LTE transmission + 5 LAN devices connected <sup>2</sup> + high CPU load <sup>3</sup> + data transfer via WiFi + GPS on + USB device connected <sup>4</sup> + 1 paired Bluetooth device (12 V)  Max speed LTE transmission + 5 LAN devices connected <sup>2</sup> + high CPU load <sup>3</sup> + data transfer via WiFi + GPS on + USB device connected <sup>4</sup> + 1 paired Bluetooth device (24 V)	Current (mA) 1305 976 495	Power consumption (W) 11.75 11.72 11.88

<sup>&</sup>lt;sup>1</sup> - Only mobile data connection established with no additional traffic.

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

<sup>&</sup>lt;sup>2</sup> - Data streams between RUTX12 and other connected LAN devices created using iPerf.

<sup>&</sup>lt;sup>3</sup> - Load created using *md5sum* (calculation and verification of 128-bit MD5 hashes).

 $<sup>^{4}</sup>$  - USB device with  $\sim 500$  mA current draw.