

# RUTX10 Power Consumption

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**Averaged** [RUTX10](#) power consumption values in different states of operation are represented in the tables below:

| Test type   | Current (mA) | Power consumption (W) |
|-------------|--------------|-----------------------|
| Idle (9 V)  | 363          | 3.27                  |
| Idle (12 V) | 272          | 3.26                  |
| Idle (24 V) | 136          | 3.26                  |

| Test type                                  | Current (mA) | Power consumption (W) |
|--|--------------|-----------------------|
| 1 LAN device connected <sup>1</sup> (9 V)  | 404          | 3.64                  |
| 1 LAN device connected <sup>1</sup> (12 V) | 302          | 3.63                  |
| 1 LAN device connected <sup>1</sup> (24 V) | 152          | 3.65                  |

| Test type  | Current (mA) | Power consumption (W) |
|--|--------------|-----------------------|
| 4 LAN devices connected <sup>1</sup> + high CPU load <sup>2</sup> + USB device connected <sup>3</sup> + 1 paired Bluetooth device (9 V)  | 868          | 7.81                  |
| 4 LAN devices connected <sup>1</sup> + high CPU load <sup>2</sup> + USB device connected <sup>3</sup> + 1 paired Bluetooth device (12 V) | 656          | 7.87                  |
| 4 LAN devices connected <sup>1</sup> + high CPU load <sup>2</sup> + USB device connected <sup>3</sup> + 1 paired Bluetooth device (24 V) | 330          | 7.92                  |

<sup>1</sup> - Data streams between RUTX10 and other connected LAN devices created using iPerf.

<sup>2</sup> - Load created using *md5sum* (calculation and verification of 128-bit MD5 hashes).

<sup>3</sup> - USB device with ~ 300 mA current draw.

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