

# RUT300 Power Consumption

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[RUT300](#) power consumption values in different states of operation are represented in the tables below:

Test type	Current (mA)	Power consumption (W)
Idle (9 V)	68	0.61
Idle (12 V)	53	0.64
Idle (24 V)	29	0.70

Test type	Current (mA)	Power consumption (W)
2 LAN devices connected <sup>1</sup> (9 V)	114	1.03
2 LAN devices connected <sup>1</sup> (12 V)	86	1.03
2 LAN devices connected <sup>1</sup> (24 V)	45	1.08

Test type	Current (mA)	Power consumption (W)
5 LAN devices connected <sup>1</sup> + high CPU load <sup>2</sup> + USB device connected <sup>3</sup> (9 V)	497	4.47
5 LAN devices connected <sup>1</sup> + high CPU load <sup>2</sup> + USB device connected <sup>3</sup> (12 V)	373	4.48
5 LAN devices connected <sup>1</sup> + high CPU load <sup>2</sup> + USB device connected <sup>3</sup> (24 V)	192	4.61

<sup>1</sup> - Data streams between RUT300 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.