

# OTD140 Power Consumption

[Main Page](#) > [OTD Outdoor routers](#) > [OTD140](#) > [OTD140 Manual](#) > **OTD140 Power Consumption**

OTD140 power consumption values in different states of operation are represented in the table(s) below:

Test type	Current (mA)	Power consumption (W)
Idle, no SIM card inserted (44 V)	27	1.19
Idle, no SIM card inserted (50 V)	24	1.2
Idle, no SIM card inserted (57 V)	23	1.31

Test type	Current (mA)	Power consumption (W)
Idle + mobile data on <sup>1</sup> (44 V)	30	1.32
Idle + mobile data on <sup>1</sup> (50 V)	28	1.4
Idle + mobile data on <sup>1</sup> (57 V)	26	1.48

Test type	Current (mA)	Power consumption (W)
Mobile data on <sup>1</sup> + 1 LAN device connected <sup>2</sup> (44 V)	32	1.41
Mobile data on <sup>1</sup> + 1 LAN device connected <sup>2</sup> (50 V)	28	1.4
Mobile data on <sup>1</sup> + 1 LAN device connected <sup>2</sup> (57 V)	26	1.48

Test type	Current (mA)	Power consumption (W)
Max speed LTE transmission + 1 LAN devices connected <sup>2</sup> + high CPU load <sup>3</sup> + passive PoE device connected (RUTX12) (44 V)	208	9.15
Max speed LTE transmission + 1 LAN devices connected <sup>2</sup> + high CPU load <sup>3</sup> + passive PoE device connected (RUTX12) (50 V)	185	9.25
Max speed LTE transmission + 1 LAN devices connected <sup>2</sup> + high CPU load <sup>3</sup> + passive PoE device connected (RUTX12) (57 V)	170	9.69

Test type	Current (mA)	Power consumption (W)
Max speed LTE transmission + 1 LAN devices connected <sup>2</sup> + high CPU load <sup>3</sup> (44 V)	83	3.65
Max speed LTE transmission + 1 LAN devices connected <sup>2</sup> + high CPU load <sup>3</sup> (50 V)	80	4
Max speed LTE transmission + 1 LAN devices connected <sup>2</sup> + high CPU load <sup>3</sup> (57 V)	72	4.1

Test type	Current (mA)	Power consumption (W)
Max speed LTE transmission + 1 LAN devices connected <sup>2</sup> + high CPU load <sup>3</sup> + dummy load connected (15 W) (54 V)	341	18.41

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

<sup>2</sup> - Data streams between TRB256 and other connected LAN devices created using iPerf.

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

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