



## Power Consumption of the Raspberry Pi

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Amirtharaj et al. (2019)	<p><b>Profiling and Improving the Duty-Cycling Performance of Linux-based IoT Devices</b></p> <p><b>DOI:</b> 10.1007/s12652-019-01197-2 <b>Publisher URL:</b> <a href="https://link.springer.com/article/10.1007/s12652-019-01197-2">https://link.springer.com/article/10.1007/s12652-019-01197-2</a> <b>Open Access:</b> <a href="https://link.springer.com/article/10.1007/s12652-019-01197-2">https://link.springer.com/article/10.1007/s12652-019-01197-2</a> <b>Related URLs:</b> <a href="https://scholarcommons.scu.edu/cseng_mstr/5/">https://scholarcommons.scu.edu/cseng_mstr/5/</a></p> <p><b>Full Citation:</b> I. Amirtharaj, T. Groot, and B. Dezfouli. Profiling and improving the duty-cycling performance of Linux-based IoT devices. <i>Journal of Ambient Intelligence and Humanized Computing</i>, 2019.</p>
Ardito & Torchiano (2018)	<p><b>Creating and Evaluating a Software Power Model for Linux Single Board Computers</b></p> <p><b>DOI:</b> 10.1145/3194078.3194079 <b>Publisher URL:</b> <a href="https://dl.acm.org/citation.cfm?id=3194079">https://dl.acm.org/citation.cfm?id=3194079</a></p> <p><b>Full Citation:</b> L. Ardito and M. Torchiano. Creating and evaluating a software power model for Linux single board computers. In <i>Proceedings of the 6th International Workshop on Green and Sustainable Software</i>, pages 1–8, Gothenburg, Sweden, 27 May 2018.</p>
Astudillo-Salinas, et al. (2016)	<p><b>Minimizing the Power Consumption in Raspberry Pi to Use as a Remote WSN Gateway</b></p> <p><b>DOI:</b> 10.1109/LATINCOM.2016.7811590 <b>Publisher URL:</b> <a href="https://ieeexplore.ieee.org/abstract/document/7811590">https://ieeexplore.ieee.org/abstract/document/7811590</a> <b>Open Access:</b> <a href="https://www.researchgate.net/profile/Darwin_Astudillo/publication/312486479_Minimizing_the_power_consumption_in_Raspberry_Pi_to_use_as_a_remote_WSN_gateway/links/5beb8e7b92851c6b27bd113a/Minimizing-the-power-consumption-in-Raspberry-Pi-to-use-as-a-remote-WSN-gateway.pdf">https://www.researchgate.net/profile/Darwin_Astudillo/publication/312486479_Minimizing_the_power_consumption_in_Raspberry_Pi_to_use_as_a_remote_WSN_gateway/links/5beb8e7b92851c6b27bd113a/Minimizing-the-power-consumption-in-Raspberry-Pi-to-use-as-a-remote-WSN-gateway.pdf</a></p> <p><b>Full Citation:</b> F. Astudillo-Salinas, D. Barrera-Salamea, A. Vázquez-Rodas, and L. Solano-Quinde. Minimizing the power consumption in Raspberry Pi to use as a remote WSN gateway. In <i>2016 8th IEEE Latin-American Conference on Communications (LATINCOM)</i>, Medellin, Colombia, 15-17 November 2016.</p>

Bekaroo & Santokhee (2016)	<p><b>Power Consumption of the Raspberry Pi: A Comparative Analysis</b></p> <p><b>DOI:</b> 10.1109/EmergiTech.2016.7737367  <b>Publisher URL:</b> <a href="https://ieeexplore.ieee.org/abstract/document/7737367">https://ieeexplore.ieee.org/abstract/document/7737367</a>  <b>Open Access:</b> <a href="https://www.researchgate.net/profile/Girish_Bekaroo/publication/309917878_Power_consumption_of_the_Raspberry_Pi_A_comparative_analysis/links/59d71361458515db19c7df9b/Power-consumption-of-the-Raspberry-Pi-A-comparative-analysis.pdf">https://www.researchgate.net/profile/Girish_Bekaroo/publication/309917878_Power_consumption_of_the_Raspberry_Pi_A_comparative_analysis/links/59d71361458515db19c7df9b/Power-consumption-of-the-Raspberry-Pi-A-comparative-analysis.pdf</a></p> <p><b>Full Citation:</b> G. Bekaroo and A. Santokhee. Power consumption of the Raspberry Pi: A comparative analysis. In <i>2016 IEEE International Conference on Emerging Technologies and Innovative Business Practices for the Transformation of Societies (EmergiTech)</i>, Balaclava, Mauritius, 3-6 August 2016.</p>
Corral-García, et al. (2018)	<p><b>Evaluation of Strategies for the Development of Efficient Code for Raspberry Pi Devices</b></p> <p><b>DOI:</b> 10.3390/s18114066  <b>Publisher URL:</b> <a href="https://www.mdpi.com/1424-8220/18/11/4066">https://www.mdpi.com/1424-8220/18/11/4066</a>  <b>Open Access:</b> <a href="https://www.mdpi.com/1424-8220/18/11/4066">https://www.mdpi.com/1424-8220/18/11/4066</a></p> <p><b>Full Citation:</b> J. Corral-García, J.-L. González-Sánchez, and M.-Á. Pérez-Toledano. Evaluation of strategies for the development of efficient code for Raspberry Pi devices. <i>Sensors</i>, 18, 2018.</p>
Kaup, et al. (2014)	<p><b>PowerPi: Measuring and Modeling the Power Consumption of the Raspberry Pi</b></p> <p><b>DOI:</b> 10.1109/LCN.2014.6925777  <b>Publisher URL:</b> <a href="https://ieeexplore.ieee.org/abstract/document/6925777">https://ieeexplore.ieee.org/abstract/document/6925777</a>  <b>Open Access:</b> <a href="https://ieeexplore.ieee.org/abstract/document/6925777">https://ieeexplore.ieee.org/abstract/document/6925777</a></p> <p><b>Full Citation:</b> F. Kaup, P. Gottschling, and D. Hauseer. PowerPi: Measuring and modeling the power consumption of the Raspberry Pi. In <i>39th Annual IEEE Conference on Local Computer Networks</i>, pages 236–243, Edmonton, Alberta, 8-11 September 2014.</p>
Kaup, et al. (2018)	<p><b>Energy Models for NFV and Service Provisioning on Fog Nodes</b></p> <p><b>DOI:</b> 10.1109/NOMS.2018.8406158  <b>Publisher URL:</b> <a href="https://ieeexplore.ieee.org/abstract/document/8406158">https://ieeexplore.ieee.org/abstract/document/8406158</a>  <b>Related URLs:</b> <a href="http://www.netsys.ovgu.de/netsys_media/publications/NetSys_TR_2018_01.pdf">http://www.netsys.ovgu.de/netsys_media/publications/NetSys_TR_2018_01.pdf</a></p> <p><b>Full Citation:</b> F. Kaup, S. Hacker, E. Mentzendorff, C. Meurisch, and D. Hausheer. Energy models for NFV and service provisioning on fog nodes. In <i>NOMS 2018 - 2018 IEEE/IFIP Network Operations and Management Symposium</i>, Taipei, Taiwan, 23-27 April 2018.</p>

## Explanation of Terms

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