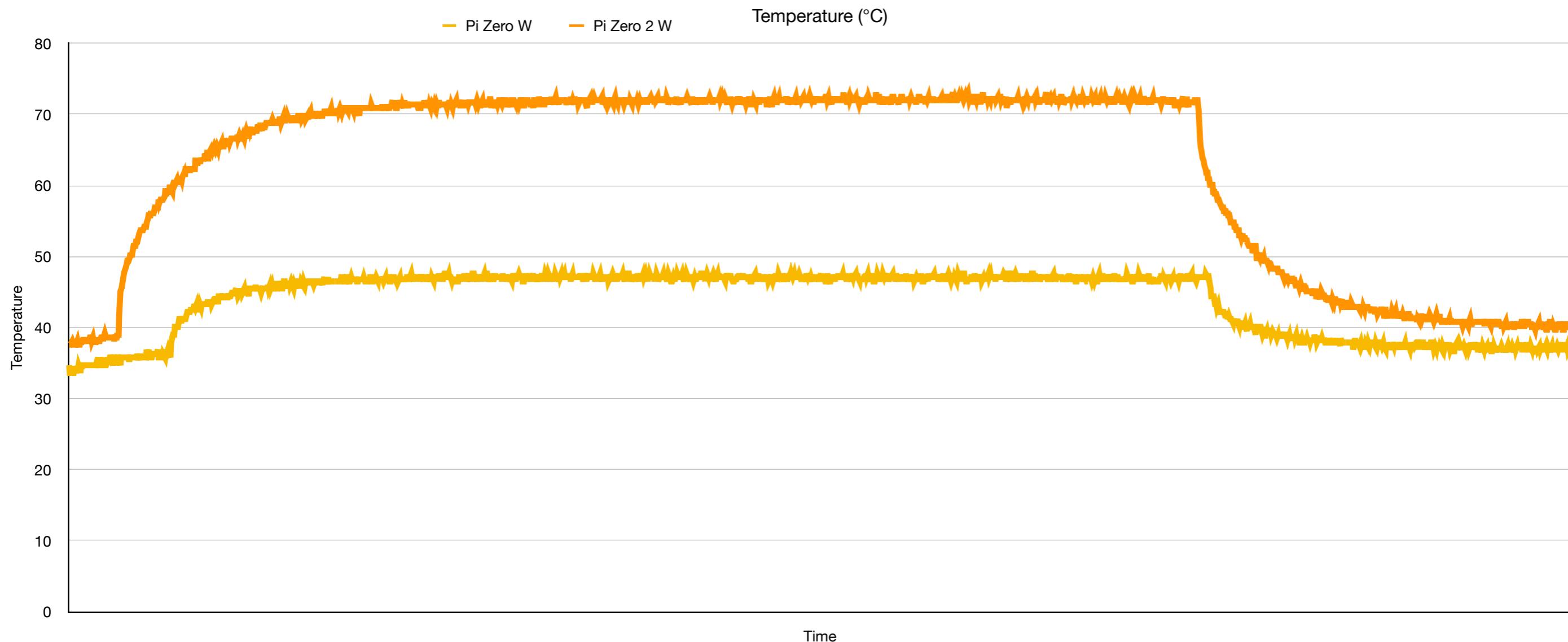


## Raspberry Pi Zero W

## Raspberry Pi Zero 2 W

MIN TEMPERATURE (°C)	MAX TEMPERATURE (°C)	AVERAGE TEMPERATURE (°C)	MIN TEMPERATURE (°C)	MAX TEMPERATURE (°C)	AVERAGE TEMPERATURE (°C)
<b>33.6</b>	<b>47.6</b>	<b>43.8</b>	<b>37.6</b>	<b>73.1</b>	<b>62.8</b>
MIN CLOCK SPEED (MHZ)	MAX CLOCK SPEED (MHZ)	AVERAGE CLOCK SPEED (MHZ)	MIN CLOCK SPEED (MHZ)	MAX CLOCK SPEED (MHZ)	AVERAGE CLOCK SPEED (MHZ)
<b>699.0</b>	<b>1000</b>	<b>910.2</b>	<b>599.0</b>	<b>1000</b>	<b>887.9</b>
MIN CORE VOLTAGE (V)	MAX CORE VOLTAGE (V)	AVERAGE CORE VOLTAGE (V)	MIN CORE VOLTAGE (V)	MAX CORE VOLTAGE (V)	AVERAGE CORE VOLTAGE (V)
<b>1.2</b>	<b>1.4</b>	<b>1.37</b>	<b>1.2</b>	<b>1.4</b>	<b>1.20</b>
POWER OFF CURRENT (A)	SYSBENCH CURRENT (A)	IDLE CURRENT (A)	POWER OFF CURRENT (A)	SYSBENCH CURRENT (A)	IDLE CURRENT (A)
<b>0.04</b>	<b>0.19</b>	<b>0.08</b>	<b>0.05</b>	<b>0.46</b>	<b>0.10</b>
POWER OFF POWER (W)	SYSBENCH POWER (W)	IDLE POWER (W)	POWER OFF POWER (W)	SYSBENCH POWER (W)	IDLE POWER (W)
<b>0.20</b>	<b>0.956</b>	<b>0.403</b>	<b>0.25</b>	<b>2.309</b>	<b>0.504</b>

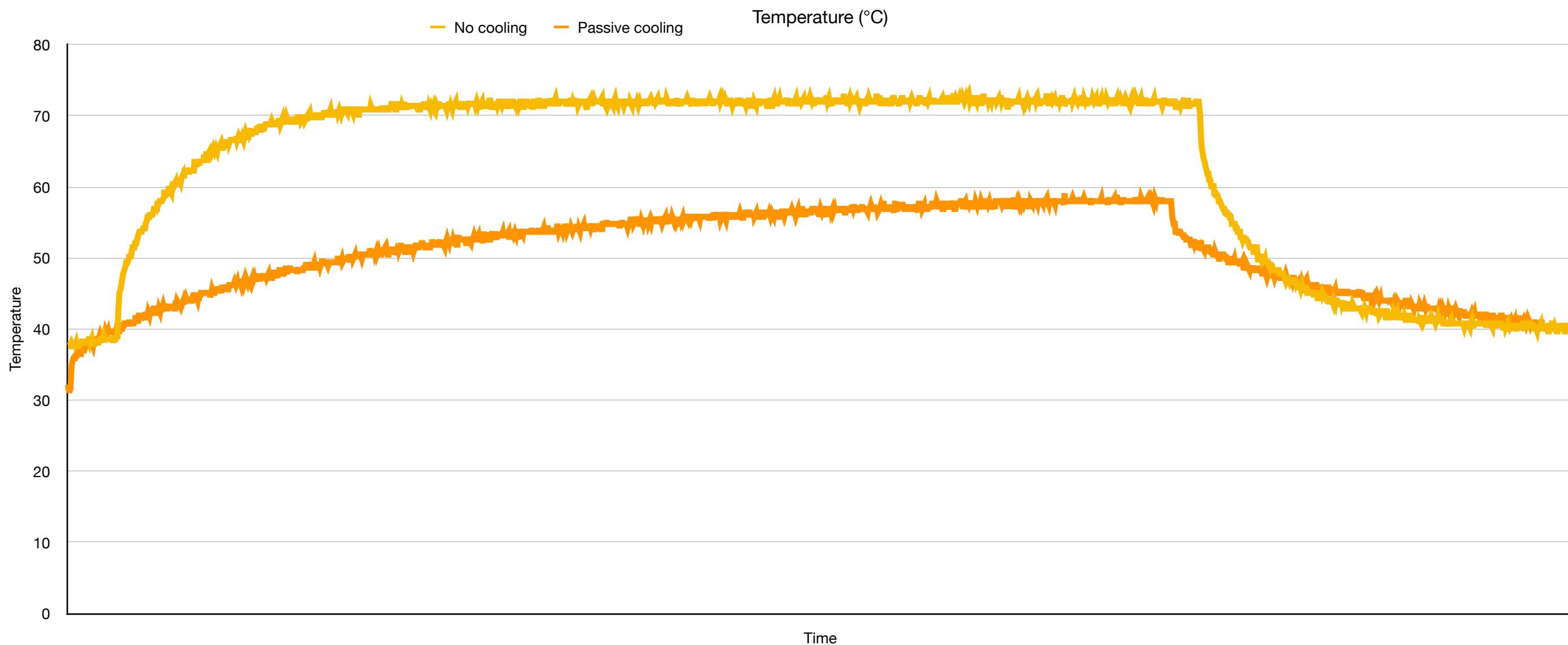


## Raspberry Pi Zero 2 W no cooling

MIN TEMPERATURE (°C)	MAX TEMPERATURE (°C)	AVERAGE TEMPERATURE (°C)
<b>37.6</b>	<b>73.1</b>	<b>62.8</b>
MIN CLOCK SPEED (MHZ)	MAX CLOCK SPEED (MHZ)	AVERAGE CLOCK SPEED (MHZ)
<b>599.0</b>	<b>1000</b>	<b>887.9</b>
MIN CORE VOLTAGE (V)	MAX CORE VOLTAGE (V)	AVERAGE CORE VOLTAGE (V)
<b>1.2</b>	<b>1.4</b>	<b>1.20</b>

## Raspberry Pi Zero 2 W with passive cooling

MIN TEMPERATURE (°C)	MAX TEMPERATURE (°C)	AVERAGE TEMPERATURE (°C)
<b>31.1</b>	<b>59.1</b>	<b>50.9</b>
MIN CLOCK SPEED (MHZ)	MAX CLOCK SPEED (MHZ)	AVERAGE CLOCK SPEED (MHZ)
<b>599.0</b>	<b>1000</b>	<b>898.6</b>
MIN CORE VOLTAGE (V)	MAX CORE VOLTAGE (V)	AVERAGE CORE VOLTAGE (V)
<b>1.2</b>	<b>1.2063</b>	<b>1.20</b>



### Pi Zero W

	<b>Voltage (V)</b>	<b>Current (A)</b>	<b>Power (W)</b>
<b>Power off</b>	5.05	0.04	0.202
<b>Idle</b>	5.04	0.08	0.403
<b>Sysbench</b>	5.03	0.19	0.956

### Pi Zero 2 W

	<b>Voltage (V)</b>	<b>Current (A)</b>	<b>Power (W)</b>
<b>Power off</b>	5.05	0.05	0.253
<b>Idle</b>	5.04	0.10	0.504
<b>Sysbench</b>	5.02	0.46	2.309

### Sysbench total time (s) for 1000 primes

Run	Zero W	Zero 2 W
1	9.9517	1.7164
2	9.8435	1.6862
3	9.9232	1.6757
4	9.8514	1.6940
5	9.9405	1.6791
<b>Min</b>	9.8435	1.6757
<b>Max</b>	9.9517	1.7164
<b>Average</b>	9.9021	1.6903

### Sysbench best run

	Zero W (run 2)	Zero 2 W (run 3)
<b>Total time (s)</b>	9.8435	1.6757
<b>Total time event execution</b>	39.2656	6.6921
<b>Per request (ms):</b>		
<b>min</b>	0.91	0.66
<b>max</b>	90.22	6.01
<b>avg</b>	3.93	0.67
<b>approx. 95 percentile</b>	30.95	0.67