

No	Condition	Power(Avg) (W)	Power(Max) (W)	Note
1	Idle on desktop	5.40	5.45	HDMI plugged.
2	Idle on desktop	5.78	5.84	HDMI/KB/Mouse plugged.
3	Idle on desktop	8.65	8.73	HDMI/KB/Mouse/2 CAMs(don't work)/Panel(works)/SD(doesn't work) plugged.
4	Run Burn in test	10.63	11.35	HDMI plugged.
5	Play a 1080P video	6.06	6.22	HDMI/KB/Mouse plugged.
6	Mobilenet v1	7.78	8.58	HDMI/KB/Mouse plugged.
7	Mobilenet v2	7.71	8.56	HDMI/KB/Mouse plugged.
8	Mobilenet SSD v1 coco	7.65	8.56	HDMI/KB/Mouse plugged.
9	Mobilenet SSD v2 coco	7.58	8.52	HDMI/KB/Mouse plugged.

Max power Based on Item 4: **46.85W**

Total (W)	Burn in	U3 Type-A x3	U3 Type-C x1	5V on 40pin	3.3V on 40pin	Camera x2	FAN	WIFI Card
		0.9x5x3	1.5x5	1.5x5	0.5x3.3	0.25x3.3x2	0.22x5	
46.854	11.354	13.5	7.5	7.5	1.65	1.65	1.1	2.6

Test condition:

- Image version : 0.0.31
- PCB Version: 1.01
- Temperature: 25°C
- Fan installed
- Burn in tool is 0.0.31 image build in version, perform all without WIFI/SD items