No	Condition	Power(Avg) (W)	Power(Max) (W)	Note
1	Idle on desktop	4.1598	4.6066	HDMI plugged.
2	Idle on desktop	4.7527	5.1862	HDMI/KB/Mouse plugged.
3	Idle on desktop	4.9131	5.3559	HDMI/KB/Mouse/2 CAMs(don't work)/Panel(works)/SD(doesn't work) plugged.
4	Run Burn in test	7.2895	7.7894	HDMI plugged.
5	Play a 1080P vide	5.4039	6.0538	HDMI/KB/Mouse plugged.
6	Mobilenet v1	5.7935	6.2131	HDMI/KB/Mouse plugged.
7	Mobilenet v2	6.152	6.514	HDMI/KB/Mouse plugged.
8	Mobilenet SSD v1 coco	5.9547	6.3381	HDMI/KB/Mouse plugged.
9	Mobilenet SSD v2 coco	5.8091	6.2364	HDMI/KB/Mouse plugged.

MAX Power-Based on Item 4: 35.5934W

Total(W)	Burn in	USB type Ax2	USB type Cx1	USB HUB 2 ports	5V on 40 pin	3.3V on 40 pin	Camerax2	FAN	Panel
		2x5x0.9	1x5x1.5		5x1.5	3.3x0.5	2x3.3x0.15		
35.5934	7.7894	9	7.5	0.564	7.5	1.65	0.99	0.6	be small

Note:
1. FAN doesn't work on whole above conditions. However, all items may work on the condition FAN works. Adding 0.6W for FAN works.
2. Iten 4: Run in test is tested by tool realsed from SW.
3.Test codition:
   *The environment temperature is 25℃.
   *Image version: 0.0.15.
   *Burn in tool version: 1.6 with thermal management.
   *PCB version: 1.01.
   *SOM stage: DVT.