

## Power Consumption Test Report for J7F2

Configuration		Configuration	
Main Board	J7F2	Sound card	Onboard VIA 1617A
BIOS	J7F2L07	LAN card	Onboard VIA 6103L
Chipset (NB)	VIA CN700	IDE HDD	HITACHI 41.1GB / 7200RPM
Chipset (SB)	VIA 8237RP	IDE CD-ROM	Aopen : DVD1648/AAP 16X DVD-ROM
FSB Speed	400 MHz	FDD	Panasonic : JU-256A888PC 1.44MB
Memory Bus Speed	266 MHz	Keyboard	RCS PS2 Keyboard
AGP Card	NONE	Mouse	Aopen : S-57G PS2 Mouse
PCI Card	AD7LVCOM	Scope Model	Tektronix TM TDS 3052, 500MHz 5Gs/s
DIMM Memory	DDR2 KINGMAX HYNIX 512MB*1	Scope S/N	B042238
Display card	Onboard VGA CN700 On die	Probe Model	Tektronix AM503A current probe
		Probe Spec.	300v/15a Peak

**CPU:VIA C7 1.5GHz(100\*15)/IV, POWER:AD12VB,ADAPTER CWT 12V/6.6A 80W**

**DISPLAY:CRT+LCD IDE HDD: HITACHI 41.1GB / 7200RPM**

**CD ROM:Aopen : DVD1648/AAP 16X DVD-ROM**

DC Power Consumption																	
Test Conditions	3.3V	A	Watt	5V	A	Watt	12V	A	Watt	5VSB	A	Watt	-12V	A	Watt	Total(Watt)	
DOS Idle	3.31	2.9	9.599	5.04	2.5	12.6	11.53	2.4	27.672	5.06	0.45	2.277	12.03	0.3	3.609	48.539	
Win XP SP2	Idle	3.31	2.9	9.599	5.06	2.7	13.662	11.53	2.3	26.519	5.06	0.45	2.277	12.03	0.3	3.609	55.666
	3Dmark 2001se	3.3	4.41	14.553	5.03	2.92	14.6876	11.53	2.3	26.519	5.06	0.45	2.277	12.03	0.3	3.609	61.6456
	Suspend S1	3.33	2.5	8.325	5.08	1.2	6.096	11.91	0.48	5.7168	5.09	0.66	3.3594	12.03	0.3	3.609	27.1062
	Suspend S3	0.06	0.76	0.0456	0.29	0.76	0.2204	0	0.82	0	5.1	0.66	3.366	0.01	0.3	0.003	3.635
Shut down	0.02	0.78	0.0156	0.29	0.78	0.2262	0	0.78	0	5.1	0.66	3.366	0.01	0.3	0.003	3.6108	

12V INPUT Power Consumption				
Test Conditions	V	A	Watt	
DOS Idle	11.75	4.9	57.575	
Win XP SP2	Idle	11.7	5	58.5
	3Dmark 2001se	11.7	6	70.2
	Suspend S1	11.96	1.9	22.724
	Suspend S3	12.06	0.6	7.236
Shut down	12.06	0.6	7.236	

**CPU:VIA C7 1.5GHz(100\*15)/IV, POWER:AD12VB,ADAPTER CWT 12V/6.6A 80W**

**DISPLAY:CRT+LCD IDE HDD :HITACHI 41.1GB / 7200RPM+QUANTUM 20GB/5200RPM**

**CD ROM:Aopen : DVD1648/AAP 16X DVD-ROM+Aopen CD 48X**

12V INPUT Power Consumption				
Test Conditions	V	A	Watt	
DOS Idle	11.71	6.2	72.602	
Win XP SP2	Idle	11.71	6.2	72.602
	3Dmark 2001se	11.71	6.2	72.602
	Suspend S1	11.96	2	23.92
	Suspend S3	12.06	0.6	7.236
Shut down	12.06	0.6	7.236	

CPU:VIA C7 1.5GHz(100\*15)/1V, POWER:AD12VB,ADAPTER CWT 12V/6.6A 80W

DISPLAY:CRT IDE HDD: HITACHI 41.1GB / 7200RPM

CD ROM:Aopen : DVD1648/AAP 16X DVD-ROM

PCI Card:NONE

DC Power Consumption																
Test Conditions	3.3V	A	Watt	5V	A	Watt	12V	A	Watt	5VSB	A	Watt	-12V	A	Watt	Total(Watt)
DOS Idle	3.32	2.76	9.1632	5.06	1.9	9.614	11.8	0.4	4.72	5.08	0.5	2.54	12.03	0.3	3.609	22.4282
Win XP SP2 Idle	3.32	3.04	10.0928	5.07	2	10.14	11.8	0.42	4.956	5.08	0.5	2.54	12.03	0.3	3.609	31.3378
3Dmark 2001se	3.31	4.5	14.895	5.05	2.28	11.514	11.8	0.42	4.956	5.08	0.5	2.54	12.03	0.3	3.609	37.514
Suspend S1	3.33	2.14	7.1262	5.08	1	5.08	11.9	0.16	1.904	5.08	0.5	2.54	12.03	0.3	3.609	20.2592
Suspend S3	0.01	0.3	0.003	0.15	0.3	0.045	0	0.3	0	5.08	0.5	2.54	0.01	0.3	0.003	2.591
Shut down	0.01	0.3	0.003	0.15	0.3	0.045	0	0.3	0	5.08	0.5	2.54	0.01	0.3	0.003	2.591
12V INPUT Power Consumption																
Test Conditions	V	A	Watt													
DOS Idle	11.88	2.5	29.7													
Win XP SP2 Idle	11.92	3.58	42.6736													
3Dmark 2001se	11.86	4.2	49.812													
Suspend S1	11.96	1.96	23.4416													
Suspend S3	12.06	0.3	3.618													
Shut down	12.06	0.26	3.1356													