

Power Consumption Test

1.Test Environment:

Motherboard	LV-677DC
CPU	Yonah T1300 /667/2M/ 1.66 GHZ
Memory	ADATA DDRII 533 1GB (SAMSUNG K4T51083QB-GC05)
Power Supply	Seventeam Model: ST-300BLV 300W

Voltae	Max Current (A)	Power (W)	Remark
12V	0.08	0.96	StandBy Power

Voltae	Max Current (A)	Power (W)	Remark
12V	2.08	24.96	Boot (In Post Screen)

Voltae	Max Current (A)	Power (W)	Remark
12V	2.65	31.8	Boot (Max Power)

2.Test Environment:

Motherboard	LV-677DC
CPU	Yonah T2600 /667/2M/ 2.16 GHZ
Memory	ADATA DDRII 533 1GB (SAMSUNG K4T51083QB-GC05)
Power Supply	Seventeam Model: ST-300BLV 300W

Voltae	Max Current (A)	Power (W)	Remark
12V	0.08	0.96	StandBy Power

Voltae	Max Current (A)	Power (W)	Remark
12V	2.27	27.24	Boot (In Post Screen)

Voltae	Max Current (A)	Power (W)	Remark
12V	2.88	34.56	Boot (Max Power)

3.Test Environment:

Motherboard	LV-677DC
CPU	Yonah T2600 /667/2M/ 2.16 GHZ
Memory	ADATA DDRII 533 1GB (SAMSUNG K4T51083QB-GC05)
HDD	Western Digital WD1600JS-00MHB0 160Gb
CD-ROM	ASUS CD-S400/A
Power Supply	Seventeam Model: ST-300BLV 300W
Operating System	Windows XP SP2
Test Program	3DMark 2005

Voltae	Max Current (A)	Power (W)	Remark
12V	4.14	49.68	

4.Test Environment:

CPU	Yonah T2600 /667/2M/ 2.16 GHZ
Memory	ADATA DDRII 533 1GB (SAMSUNG K4T51083QB-GC05)
HDD	Western Digital WD1600JS-00MHB0 160Gb
CD-ROM	ASUS CD-S400/A
Power Supply	Seventeam Model: ST-300BLV 300W
Operating System	Windows XP SP2
Test Program	

Voltae	Current (A)	Power (W)	Remark
12V	1.93	23.16	Do nothing

5.Test Environment:

Motherboard	LV-677DC
CPU	Yonah T2600 /667/2M/ 2.16 GHZ
Memory	ADATA DDRII 533 1GB (SAMSUNG K4T51083QB-GC05)
HDD	Western Digital WD1600JS-00MHB0 160Gb
CD-ROM	ASUS CD-S400/A
Power Supply	Lien Electronics Model: LE-0312B 120W
Operating System	Windows XP SP2
Test Program	3DMark 2005

Voltae	Max Current (A)	Power (W)	Remark
12V	3.91	46.92	

6.Test Environment:

Motherboard	LV-677DC
CPU	Yonah T2600 /667/2M/ 2.16 GHZ
Memory	ADATA DDRII 533 1GB (SAMSUNG K4T51083QB-GC05)
HDD	Western Digital WD1600JS-00MHB0 160Gb
CD-ROM	ASUS CD-S400/A
Power Supply	Lien Electronics Model: LE-0312B 120W
Operating System	Windows XP SP2
Test Program	3DMark 2005

Voltae	Max Current (A)	Power (W)	Remark
12V	1.87	22.44	Do nothing

7.Test Environment:

Motherboard	LV-677DC
CPU	Yonah T2600 /667/2M/ 2.16 GHZ
Memory	ADATA DDRII 533 1GB (SAMSUNG K4T51083QB-GC05) ADATA DDRII 667 1GB (ELPIDA E5108AB-6E-E)
HDD	Western Digital WD1600JS-00MHB0 160Gb
CD-ROM	ASUS CD-S400/A
Power Supply	Lien Electronics Model: LE-0312B 120W
Operating System	Windows XP SP2
Test Program	3DMark 2005

Voltae	Max Current (A)	Power (W)	Remark
12V	4.30	51.6	

8.Test Environment:

Motherboard	LV-677DC
CPU	Yonah T2600 /667/2M/ 2.16 GHZ
Memory	ADATA DDRII 533 1GB (SAMSUNG K4T51083QB-GC05) TRANSCEND DDRII 533 2GB (ELPIDA E1108AA-5C-E)
HDD	Western Digital WD1600JS-00MHB0 160Gb
CD-ROM	ASUS CD-S400/A
Power Supply	Lien Electronics Model: LE-0312B 120W
Operating System	Windows XP SP2
Test Program	3DMark 2005

Voltae	Max Current (A)	Power (W)	Remark
12V	4.10	49.2	

9.Test Environment:

Motherboard	LV-677DC
CPU	Yonah T2600 /667/2M/ 2.16 GHZ
Memory	ADATA DDRII 533 1GB (SAMSUNG K4T51083QB-GC05)
HDD	Western Digital WD1600JS-00MHB0 160Gb
CD-ROM	ASUS CD-S400/A
LVDS Pannel	Samsung LTM170EU-L01 17"
Power Supply	Seventeam Model: ST-300BLV 300W
Operating System	Windows XP SP2
Test Program	3Dmark 2005

Voltae	Max Current (A)	Power (W)	Remark
12V	6.03	72.36	

10.Test Environment:

Motherboard	LV-677DC
CPU	Celeron M 430 / 533/ 1M/ 1.73 GHZ
Memory	ADATA DDRII 533 1GB (SAMSUNG K4T51083QB-GC05)
HDD	Western Digital WD1600JS-00MHB0 160Gb
Power Supply	Instek Model : PSP-2010 199W
Operating System	Windows XP SP2
Test Program	3Dmark 2005

Voltae	Current (A)	Power (W)	Remark
8V	2.664 ~ 4.2	21.312 ~ 33.6	

Voltae	Current (A)	Power (W)	Remark
12V	1.624 ~ 2.552	19.488 ~ 30.624	

Voltae	Current (A)	Power (W)	Remark
19V	0.858 ~ 1.466	16.302 ~ 27.854	