

## Power Consumption Test Report for JNF94R00-LF

### Configuration

### Configuration

|                  |  |             |                               |
|------------------|--|-------------|-------------------------------|
| Main Board       | JNF94R00-LF                                    | Sound card  | Realtek Alc662@Intel 82801GBM |
| BIOS             | NF94L04  | LAN card    | Realtek RTL8168C/8111C        |
| Chipset ( NB)    | Mobile intel calistoga-gme i945gme             | HDD         | WD WD1200BEVS STAT 120GB      |
| Chipset ( SB)    | Intel 82801gbm ich7-m                          | CD-ROM      | NA                            |
| CPU              | Intel® atom™ CPUN270@1.60G                     | Keyboard    | PS2 Keyboard                  |
| FSB Speed        | 533MHz   | Mouse       | PS2 Mouse                     |
| Memory Bus Speed | 667 MHz  | Scope Model | Tektronix3052                 |
| AGP Card         | NA   | Adapter     | ZOOTY AD1280MB 80W            |
| PCI Card         | NA   | Probe Model | Tektronix A6302 current probe |
| DIMM Memory      | TRANSCEND DDR2-800 2GB*1                       | POWER BOARD | AD12VC-PB R3.0                |
| Display          | Mobile Intel® 945Express chipset family(128mb) |             |                               |

### 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        | 3,43        | 0,36 | 1,2348 | 5,12   | 1,58 | 8,0896 | 12,57 | 0,22  | 2,7654 | 5,13   | 0,18 | 0,9234 | -12,15 | 0,1    | 1,215 | 14,2282     |         |
| Win XP SP2      | Idle        | 3,43 | 0,38   | 1,3034 | 5,12 | 2      | 10,24 | 12,55 | 0,24   | 3,012  | 5,13 | 0,28   | 1,4364 | -12,15 | 0,1   | 1,215       | 17,2068 |
|                 | 3Dmark 2010 | 3,42 | 0,4    | 1,368  | 5,12 | 2,75   | 14,08 | 12,51 | 0,34   | 4,2534 | 5,13 | 0,28   | 1,4364 | -12,15 | 0,1   | 1,215       | 22,3528 |
|                 | Speedy      | 3,42 | 0,4    | 1,368  | 5,12 | 2,5    | 12,8  | 12,54 | 0,32   | 4,0128 | 5,13 | 0,28   | 1,4364 | -12,15 | 0,1   | 1,215       | 20,8322 |
|                 | Suspend S1  | 3,43 | 0,28   | 0,9604 | 5,13 | 1,1    | 5,643 | 12,6  | 0,18   | 2,268  | 5,13 | 0,12   | 0,6156 | -12,15 | 0,1   | 1,215       | 10,702  |

### 12V INPUT Power Consumption

| Test Conditions | V           | A     | Watt |         |
|-----------------|-------------|-------|------|---------|
| DOS Idle        | 12,56       | 1,25  | 15,7 |         |
| Win XP SP2      | Idle        | 12,58 | 1,55 | 19,499  |
|                 | 3Dmark 2010 | 12,57 | 1,98 | 24,8886 |
|                 | Speedy      | 12,58 | 1,7  | 21,386  |
|                 | Suspend S1  | 12,62 | 1,02 | 12,8724 |