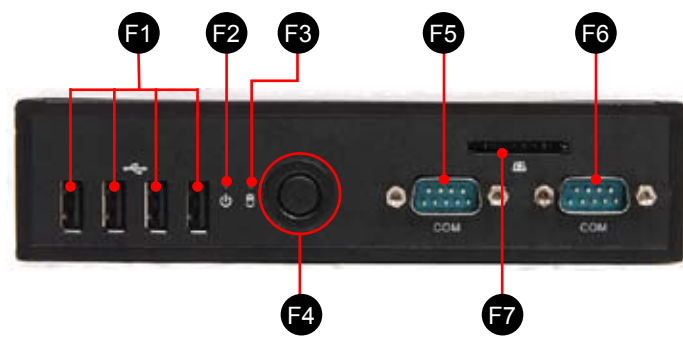


# DS437 Quick Guide 【English】

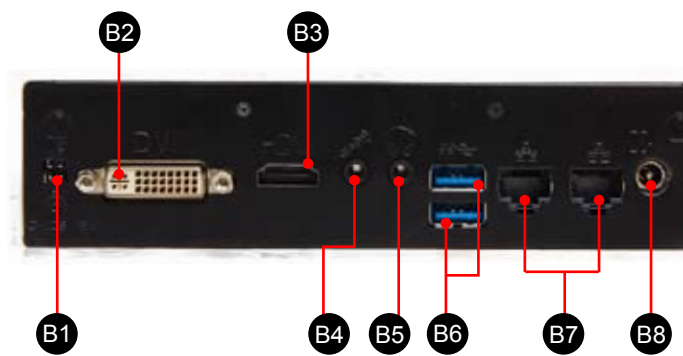
62R-DS4370-0601  
English, Spanish, Korean,  
Traditional Chinese, Japanese,  
French, German Quick Guide

## Front Panel



- F1. USB2.0 Ports x4
- F2. Power LED
- F3. HDD LED
- F4. Power Button
- F5. COM 1 :  
Support RS232/RS422/RS485
- F6. COM 2 :  
Support RS232
- F7. SD Card Reader

## Back Panel

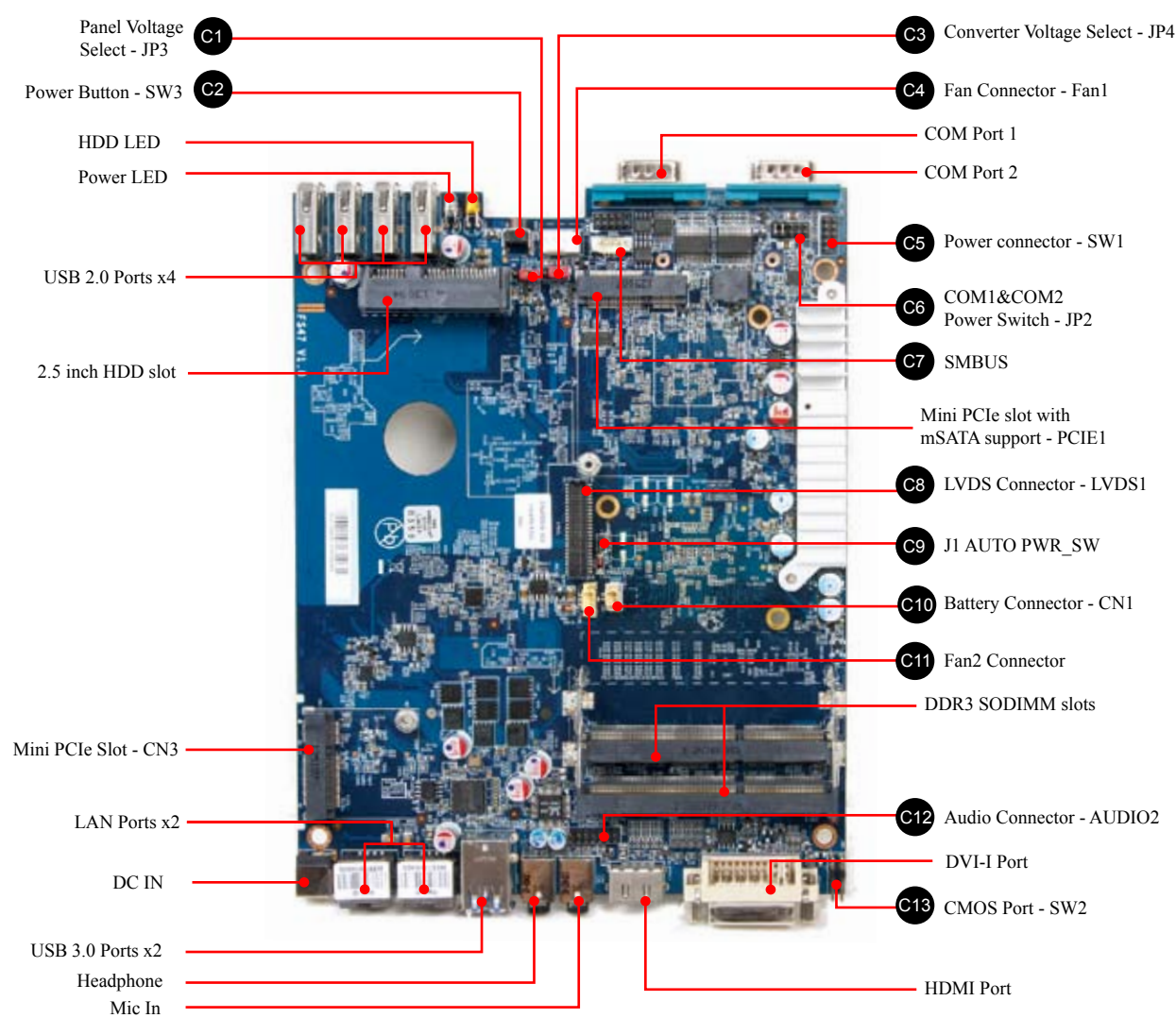


- B1. C-MOS Port
- B2. DVI-I Port
- B3. HDMI Port
- B4. Mic-In
- B5. Headphone
- B6. USB3.0 Ports x2
- B7. LAN Ports x2
- B8. DC IN

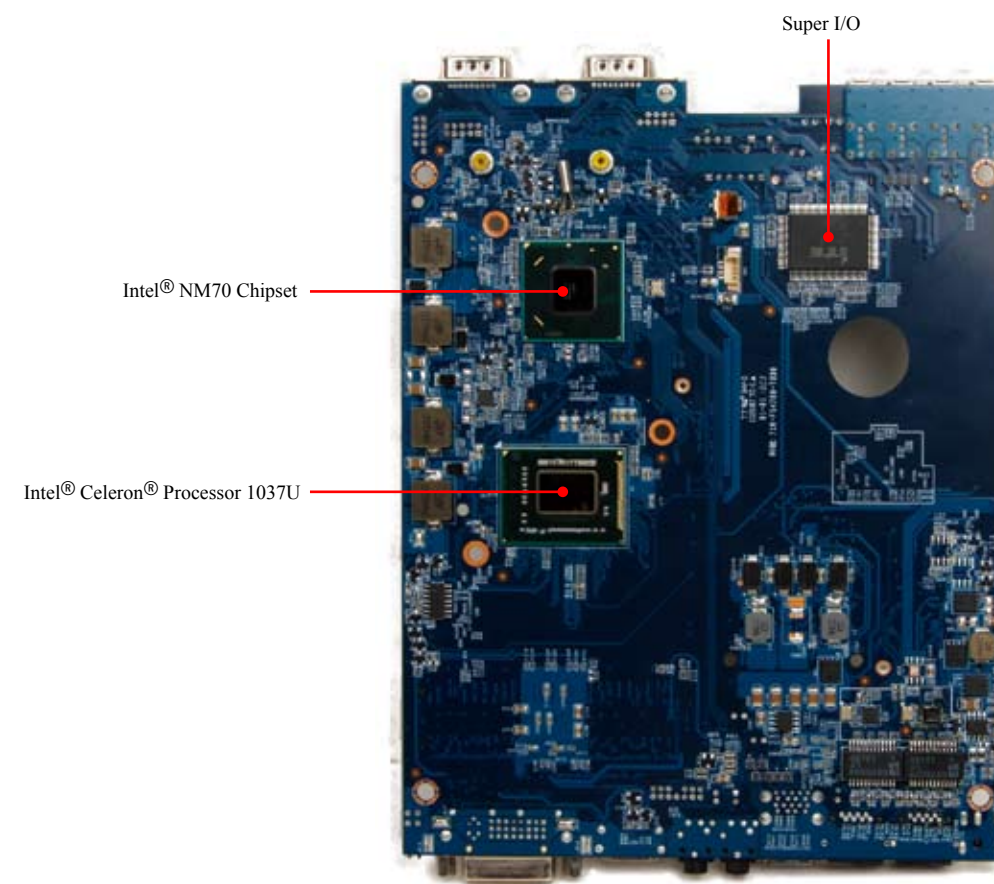
## Left / Right Panel



## Motherboard Illustration Front



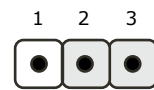
## Motherboard Illustration Back



## Jumper Settings

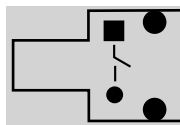
### C1 Panel Voltage Select

Pin Assignments (JP3):  
1=+3.3V  
2=Panel\_VDD  
3=+5.0V



### C2 Power Button

Pin Assignments (SW3)



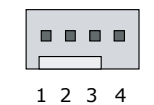
### C3 Converter Voltage Select

Pin Assignments (JP4):  
1=+12V  
2=INV\_PWR\_SRC  
3=+5V



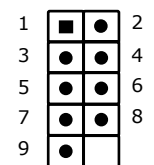
### C4 FAN\_1 connector

Pin Assignments (FAN1):  
1=Ground  
2=+12V  
3=SPEED\_SENSE  
4=PWM\_CTRL



### C5 Power Connector

Pin Assignments (SW1):  
1=+HD\_LED  
2=PWR\_LED  
3=-HD\_LED  
4=GND  
5=RST\_SW  
6=PWR\_SW  
7=GND  
8=GND  
9=NUJL

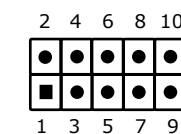


### C6 COM1&COM2 Power Switch

JUMP1 Connector Pin 1 and Pin 2 = RI1 Signal.  
JUMP2 Connector Pin 3 and Pin 4 = RI2 Signal.  
IF JUMP1 Connector Pin 5 and Pin 7 = RI1 is VCC  
IF JUMP2 Connector Pin 6 and Pin 8 = RI2 is VCC  
IF JUMP1 Connector Pin 7 and Pin 9 = RI1 is 12V  
IF JUMP2 Connector Pin 8 and Pin 10 = RI2 is 12V

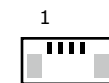
Pin Assignments (JP2):

1=-XRI1 2=COM\_-XRI1  
3=-XRI2 4=COM\_-XRI2  
5=+5V 6=+5V  
7=COM1\_PWR 8=COM2\_PWR  
9=+12V 10=+12V



### C7 SMBUS

Pin Assignments:  
1=SMBCLK\_SB  
2=SMBDATA\_SB  
3=+5V  
4=GND



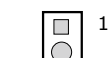
### C8 LVDS Connector

Pin Assignments (LVDS1):

1=N/C 11=GND 21=GND  
2=Converter-PWR 12=LVDS\_DDATT 22=GND  
3=N/C 13=PWMO 23=LVDS\_A3P  
4=Converter-PWR 14=LVDS\_DCLK 24=LVDS\_B3P  
5=N/C 15=GND 25=LVDS\_A3N  
6=Converter-PWR 16=Panel\_VDD 26=LVDS\_B3N  
7=GND 17=BKLTEN 27=GND  
8=Converter-PWR 18=Panel\_VDD 28=GND  
9=N/C 19=PWMO 29=LVDS\_ACK\_P  
10=GND 20=Panel\_VDD 30=LVDS\_BCK\_P

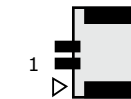
### C9 J1 AUTO PWR\_SW

Pin Assignments:  
SHORT=Disabled  
OPEN=Enabled



### C10 Battery Connector

Pin Assignments (CN1):  
1=V\_BAT  
2=GND

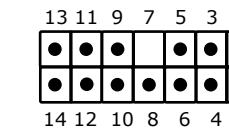


### C12 Audio Connector

Pin Assignments (Audio2):

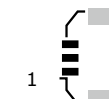
1=PULL AGND  
2=LINE-R  
3=N/C  
4=LINE-L  
5=PULL AGND  
6=FRONT\_L  
7=N/C  
8=PRONT\_SENSE  
9=PULL AGND  
10=FRONT\_R

11=BK\_AUDIO-JD  
12=MIC1\_R  
13=AGND  
14=MIC1\_L



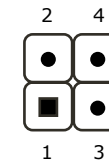
### C11 FAN2 connector

Pin Assignments:  
1=-FANIO2  
2=GND  
3=FANPEM2



### C13 CMOS Port

Pin Assignments (SW2):  
1=PWRSW-  
2=+5V  
3=GND  
4=Clear Cmos



### Safety Information

Read the following precautions before setting up a Shuttle XPC.

#### CAUTION

Incorrectly replacing the battery may damage this computer.  
Replace only with the same or equivalent as recommended by Shuttle.  
Dispose of used batteries according to the manufacturer's instructions.

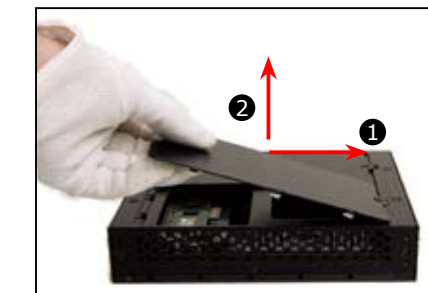
## A. Begin Installation

For safety reasons, please ensure that the power cord is disconnected before opening the case.

1. Unscrew the two screws of the chassis cover.

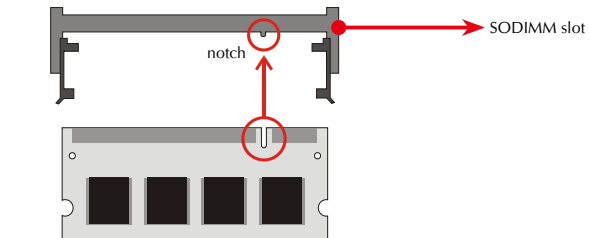


2. Slide the cover forwards and upwards.



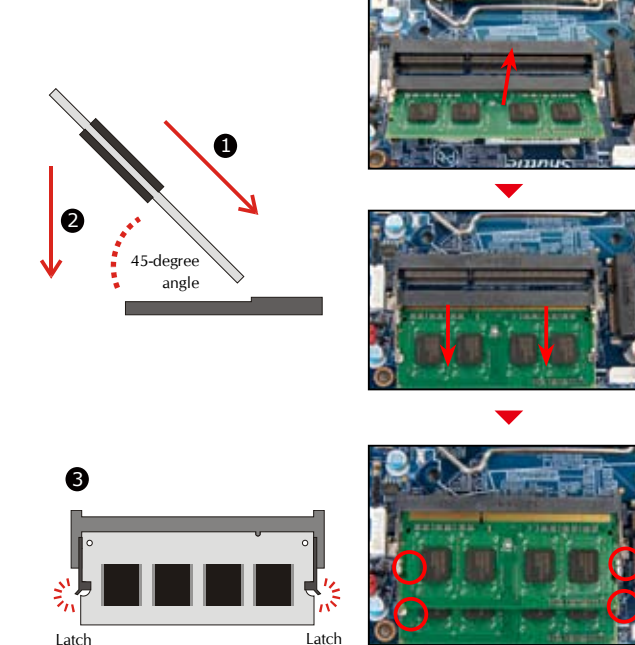
## B. Memory Module Installation

1. Locate the SODIMM slot on the mainboard.  
2. Align the notch of the memory module with the one of the memory slot.



3. Gently insert the module into the slot in a 45-degree angle.

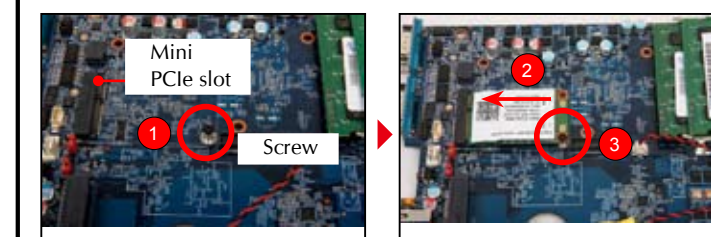
4. Carefully push down the memory module until it snaps into the locking mechanism.



5. Repeat the above steps to install additional memory modules, if required.

## C. Component Installation

1. As shown, unfasten the screw first. Install the Mini PCIe card into the Mini PCIe slot and affix it with a screw.



2. Unscrew the rack from the chassis.



3. Place the HDD in the rack and secure with the two screws from the side.



4. Put the HDD in the chassis and push toward right until it inserts into the SATA&SATA Power Connector.

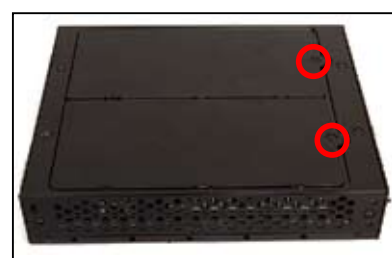


5. Refasten the screw.



## D. Complete

1. Replace the covers and refasten the screws.



2. Complete.

Please load the optimized BIOS settings.

Operation Position:  
1) Device must only be used in vertical position with the DVI port facing up.  
2) Please make sure to use either the supplied feet or the VESA mount.