RB-MD-1062-22 Replacement PC Board for TX3-TOUCH-S22-C and TX3-TOUCH-F22-C

A. Shut down the Touch Screen

1. At the Touch Screen terminal, enter 9999.
2. Enter your administrator password, and then press **OK**.
3. Select **File > Shut down > Shut down**.
4. After the TX3 Configurator and Windows have shut down, disconnect power from the Touch Screen.
5. Turn off the lobby controller board.

B. Remove the old board

Caution: To prevent damage to the boards, always hold them by the edges.

1. Disconnect the power harness from the PC board.
2. Disconnect all input, output, and networking harnesses from the current PC board.
3. Unscrew the four screws that hold the current board in place.

C. Attach the new board

Caution: To prevent damage to the boards, always hold them by the edges.

1. Secure the new board with the four screws you removed in step B.

Note: Use either the included plastic standoffs, or the existing metal standoffs and the included plastic washers.

2. Connect all the input, output, and networking harnesses to the new board. Two cables are included with this kit (WX-065 and WC-25008). See Figure 1.
3. Connect the power harness (labeled WX-065) to the new board last. See Figure 1.
4. Turn on the lobby controller board.
5. Turn on the Touch Screen.

You are done! If you need more help, see the wiring information in LT-996 TX3 Touch Screen Installation Guide on **http://www.mircom.com**. You can also call us at 1-888-660-4655.

PC Board Wiring and Jumpers

Optional Fan Connection — **CN3**

WX-065: TS10A on MD-1236 — Red + / Black – — **CN6**

Touch Screen VGA cable (not included) — **CN32**

WX-080 (not included) — **CN2**

USB — WX-053 (not included) / Camera

WX-081 (not included) — **CN1**

CN12 CN14 CN15

Battery — **BAT1A**

WX-082 (not included)

WX-082 (not included) WX-089 (not included)

CN31 — WC-25008: P1 on MD-1236

Figure 1   RB-MD-1062-22 wiring

JP1
pins 1 and 2 shorted

Pin 1
Pin 2
Pin 3

JP5 - no pins shorted
JP6 - pins 1 and 2 shorted
JP7 - pins 2 and 3 shorted
JP8 - pins 2 and 3 shorted
JP9 - pins 1 and 2 shorted
JP10 - pins 1 and 2 shorted
JP11 - pins 2 and 3 shorted

JP2
pins 1 and 2 shorted

Pin 1
Pin 2
Pin 3

Pin 1
Pin 2

JP4 JP3
No pins shorted
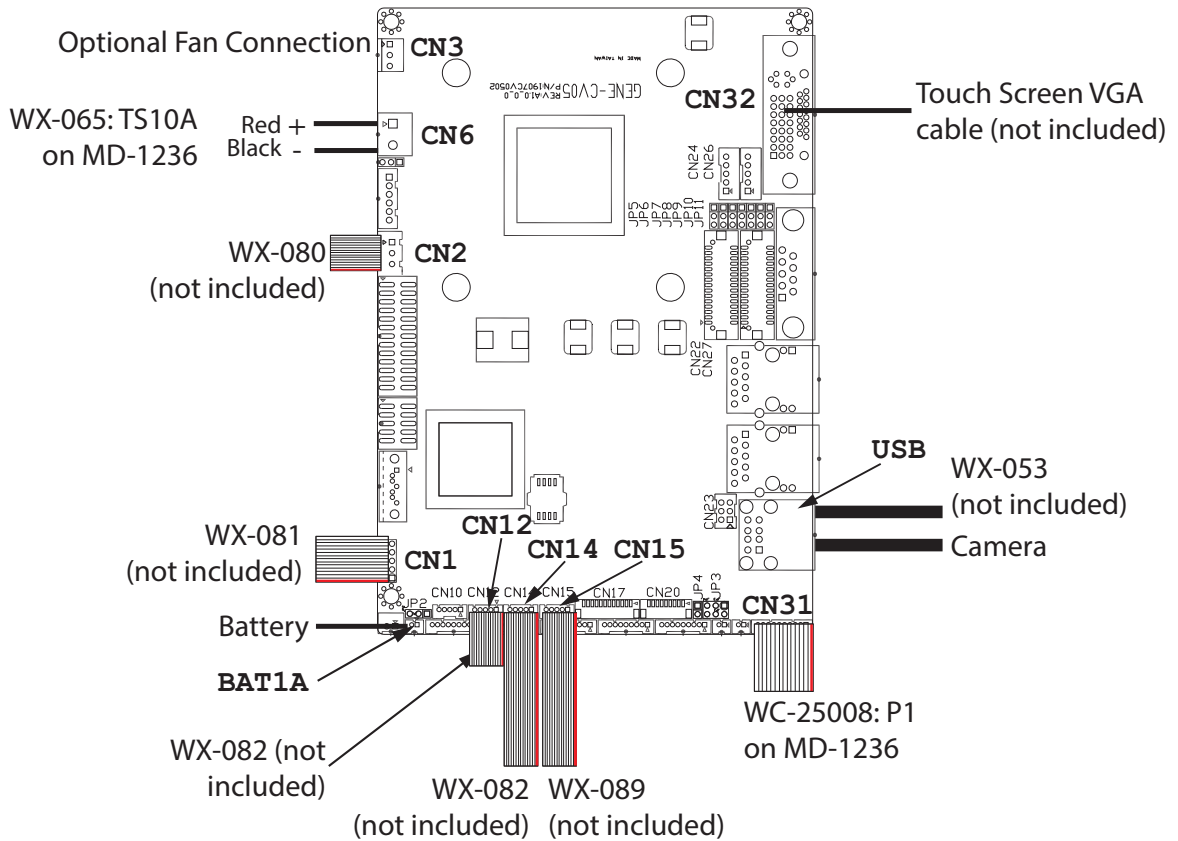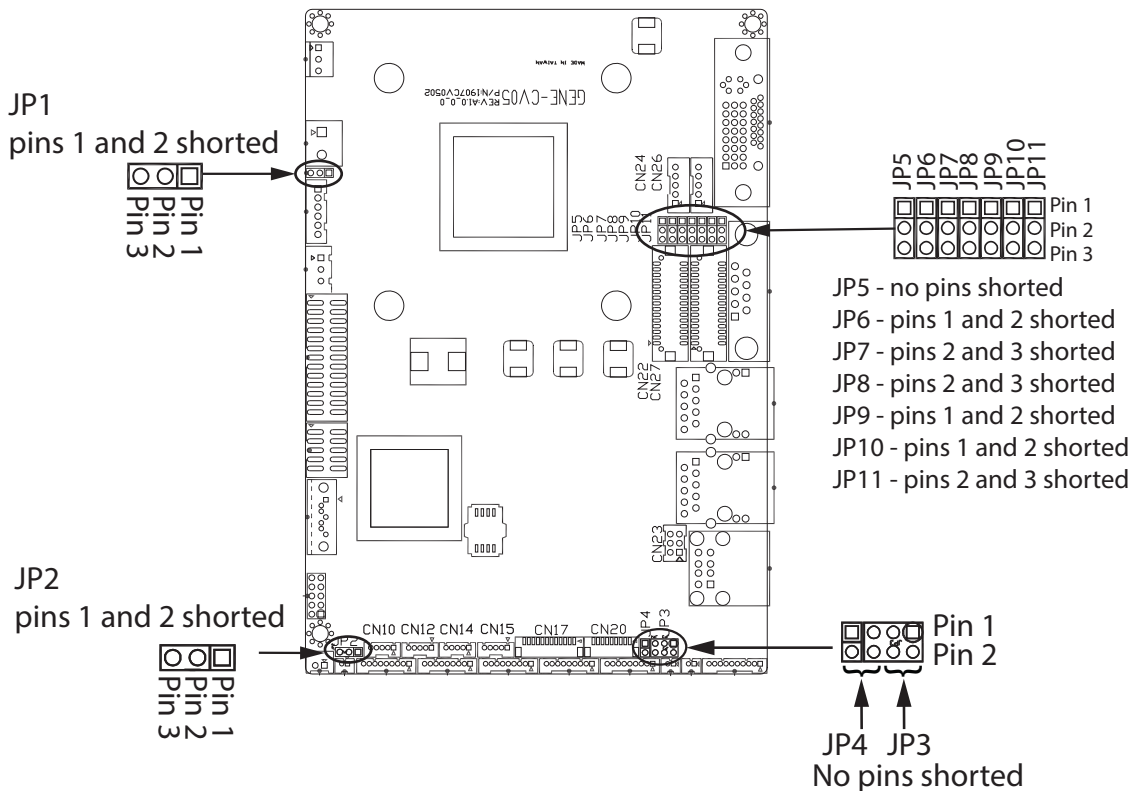
Figure 2   RB-MD-1062-22 default jumper settings

PC Board Battery

To prevent the PC Board from overheating, position the battery off of the board. The battery is attached to a chip on the board using double-sided adhesive material. Follow the steps and refer to the figure below.

1. Remove the battery from the PC Board by peeling the battery off the board. The adhesive material should come off with the battery.

2. Position the battery with the adhesive material onto the side of the chassis as far away as possible from the PC Board. This is the same chassis that the PC Board mounts onto.

MD-1062 Atom
PC Board

Battery

Chassis
Wall

New position of the Battery should be on the side of the Chassis
and as far away from the PC Board as possible