

## Thor VM1 and Thor VM1A Field Replaceable Front Panel

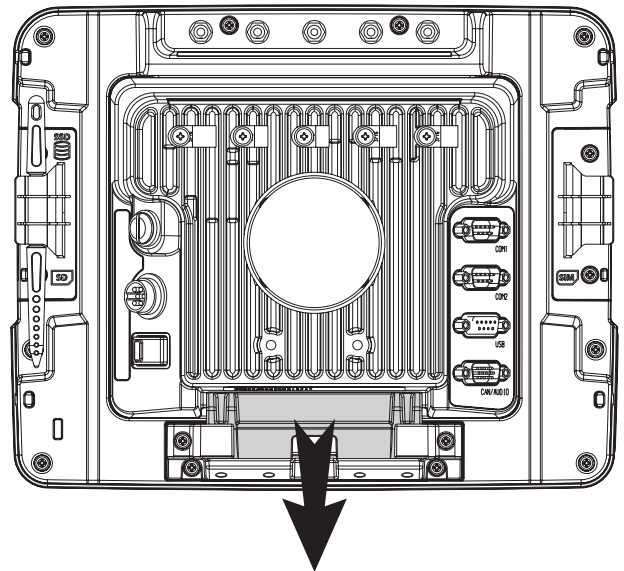
The front panel of the Thor VM1 and Thor VM1A is field replaceable. The front panel assembly contains the keyboard, touchscreen and optional defroster. Should any of these components fail, the front panel assembly can easily be replaced to minimize downtime. The replacement front panel is available in several configurations.

### Requirements - User Supplied

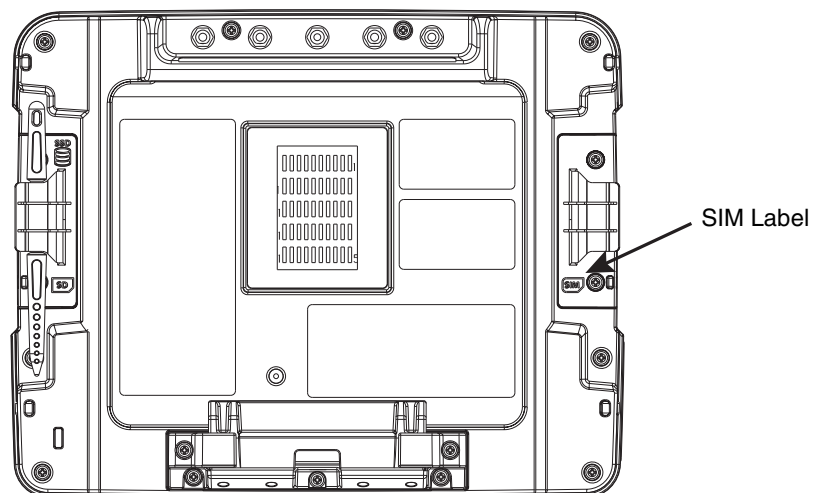
- Torquing tool capable of measuring inch pounds
- #2 Phillips screwdriver bit

### Replacing Front Panel

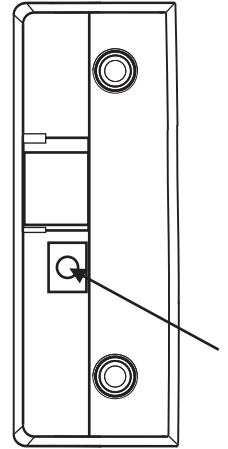
1. If the Thor VM1 has a Windows CE operating system, place the Thor VM1 in Suspend by pressing the **Power** button on the front of the Thor VM1. If the Thor VM1 has a Windows Embedded Standard operating system, select **Shut Down** from the Windows Shut Down menu. For Thor VM1A, press and hold the **Power** button until the options menu appears and select **Power Off**.
2. Remove the computer from the Quick Mount Smart Dock by pulling down on the red quick release handle, lifting the bottom of the computer away from the dock, and lifting the computer up and away from the dock.



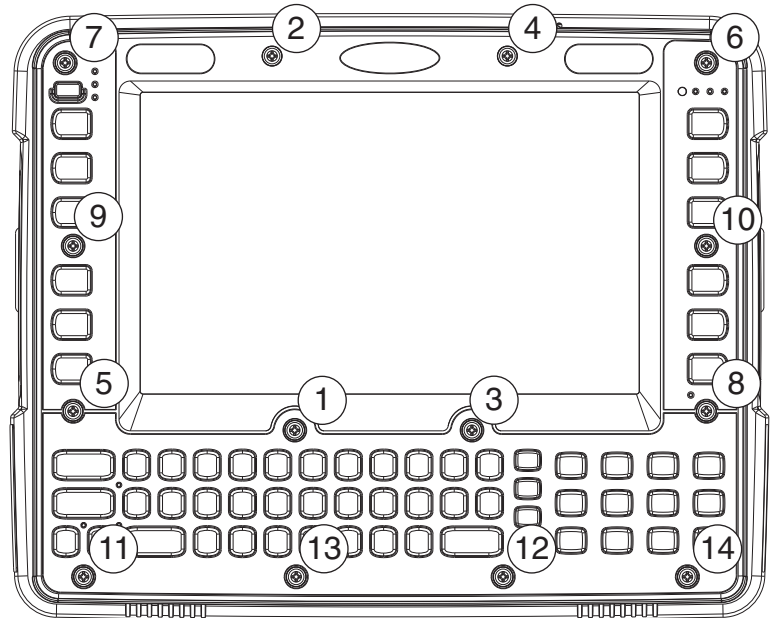
3. Place the computer face down on a clean, well lit stable surface.
4. Use a #2 Phillips bit to loosen the captive M3 screws on the tethered access panel with the SIM label.



- Remove the tethered access panel from the opening and press the **UPS battery disconnect** button located just below the SIM card installation slot.

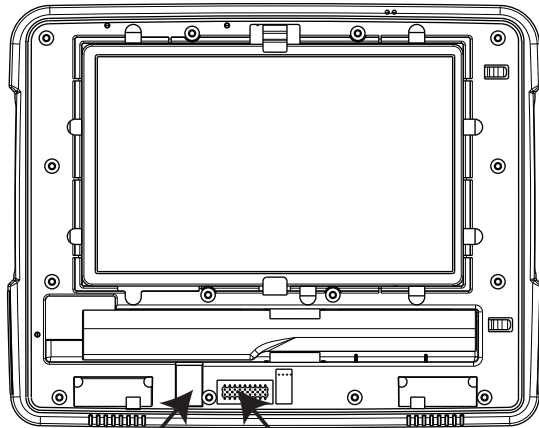


- Reinstall the access panel cover. Torque the M3 screws to 4-5 inch pounds using a #2 Phillips bit.
- Turn the computer face up.
- Use a #2 Phillips bit to loosen the fourteen (14) captive M3 screws that hold on the front panel.

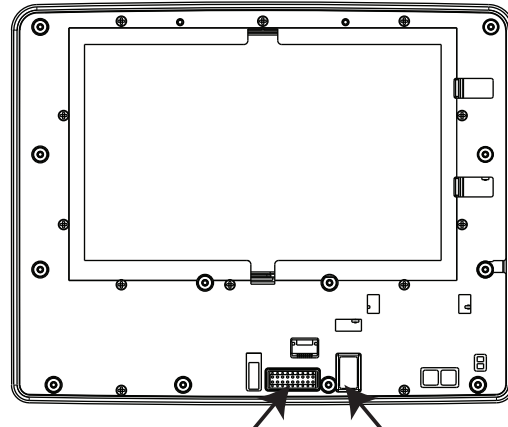


- Carefully lift the front panel away from the device.

10. Position the replacement front panel so the tab on the back of the front panel lines up with the slot on the Thor VM1/Thor VM1A. Be sure the two wiring connectors are also aligned.



Slot  
Wiring Connector  
Thor VM1/Thor VM1A with Front Panel Removed



Wiring Connector  
Tab  
Back of Thor VM1/Thor VM1A Front Panel

11. Gently press the front panel into place.
12. Tighten the fourteen (14) captive M3 screws in the order shown in the figure for step 8 above. Use a #2 Phillips bit and torque the screws to 6-7 inch pounds.
13. Reinstall the computer in the dock. When the computer is placed in the powered dock, the UPS battery automatically reconnects.
14. Press the **Power** button on the front.
15. The keyboard configuration is automatically recognized.
16. If the Thor VM1 has a Windows CE operating system and the defroster configuration has changed, use the Test button on the Peripherals control panel to update the Thor VM1's configuration. Select **Start > Settings > Control Panel > Peripherals** and tap the **Test** button.
17. The computer is ready for use.

