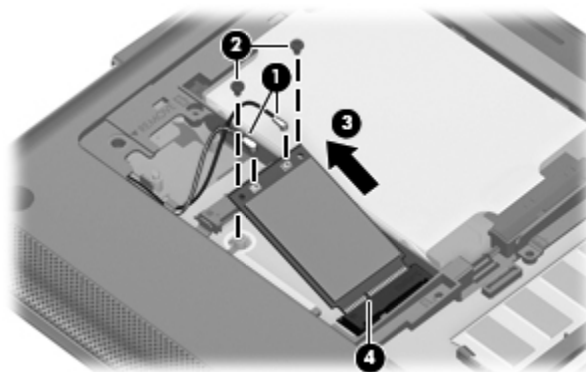# Cellular WWAN Module for HP Pavilion dm1, HP Mini 311, Compaq Mini 311

HSPA/EVDO Combo Card *for use in all countries except PRC*

⚠️ **NOTE:** *It's not always legal or even recommended from a performance boosting perspective to attach external antennas arbitrarily. A proper RF Wireless link budget might be required to prevent performance degradation or to abide by legal regulatory limits. Please contact an Rfwel technical support specialist if unclear about this word of caution! Please be sure to read your owners' manual and/or contact HP support before attempting to attach an external antenna.*

Before removing the WLAN module, follow these steps:
1. Shut down the computer. If you are unsure whether the computer is off or in Hibernation, turn the computer on, and then shut it down through the operating system.
2. Disconnect all external devices connected to the computer then disconnect the power from the computer by first unplugging the power cord from the AC outlet, and then unplugging the AC adapter from the computer.
3. Remove the battery & accessory compartment cover and position computer with the front toward you
4. Disconnect the WWAN antenna cables **1** from the terminals on the WWAN module. ❖The red WWAN antenna cable is connected to the WWAN module "Main" terminal. The blue WWAN antenna cable is connected to the WWAN module "Aux" terminal.
5. Remove the 2 Phillips PM2.0×4.0 screws **2** that secure the WWAN module to the system board. (The WWAN module tilts up.)
6. Remove the WWAN module **3** by pulling it away from the slot at an angle.

Then visit www.rfwel.com/signal_improvement to select what style of antenna, cables and other devices you would like depending on what your goals are. For example if want a portable travel antenna vs a outdoor high gain antenna vs a cellular amplifier/repeater etc.