

# Windows Phone Diagnostic Tools

---

This article lists Windows Phone diagnostic tools.

## Windows Phone 8



The following diagnostic tools are available for Windows Phone (feel free to extend the list):

- [WinPhone Info Free](#) - detailed information including device, battery, memory, media, miscellaneous, network, region, sensors, and location.
- [PhoNetInfo](#) - detailed technical phone and network information such as firmware version, device name, battery status, power saving status, network operator, roaming status, wifi/wap interface names, number of CPUs, CPU architecture, CPU features, CPU page size, high performance timer frequency, time since last device reboot, RAM, etc.
- [Netscan Network Scanner](#) - Network Scanner, allows ping, traceroute, network clients discovery, Whois search, dns lookup, etc.
- Nokia Data Field test - accessible using dialer code ##3282 (may be disabled on some devices)

 Note: Windows Phone 8 does not have the inbuilt "Diagnostics app" present in Windows Phone 7 (or at least there is no information at present on how to access it). Diagnostics may be available on devices in RDA through the app list - this was reported on a Lumia 928 on RDA.

## Windows Phone 7

---

### Nokia Diagnostics app

Nokia Windows Phones 7 devices have a "hidden" diagnostic app. This app can be used to confirm that device functionality is present and working as expected, and is particularly useful for verifying whether "odd" results are due to your code or to information from the hardware.

The tools can be accessed for the first time by entering ##634# on the call screen/dialler. Subsequently the app is listed with all your others under the title **Diagnostics**. The app is (anecdotally) present on other devices from other manufacturers, but may require an alternative key combination.

The media player is loading...

The first option in the app is **Run all tests** which you can use to run a full set of diagnostic tests on your device. You can also run individual tests as listed in the following section. Note that some hardware may not be present on some devices, and hence some tests may not be valid.

The tools included (at time of writing 17th May, 2012) include:

- Accelerometer
- ALS
- Audio Loopback
- Bluetooth
- Camera
- Battery Status
- DTMF
- Gyroscope (not supported on Nokia Lumia 800)
- Hardware Buttons
- Headset Detection
- LCD White
- Lights
- Magnetometer
- Power Source
- Proximity
- Speaker
- Touch
- Vibra

## Other tools

The following diagnostic tools are available for Windows Phone 7 (feel free to extend the list):

- [WinPhone Info Free](#) - detailed information including device, battery, memory, media, miscellaneous, network, region, sensors, and location.
- Nokia Data Field test - accessible using dialer code ##3282 (may be disabled on some devices)