

1. Unzip GPIOInstall folder to the C: Drive
2. Run Command Prompt in Administrator Mode. Start -> All Programs -> Accessories -> Command Prompt (Right Click) and choose "Run as Administrator."
 - a. Go to \GPIOInstall\redist folder.
 - b. Run the following command "wdreg.exe -inf c:\GPIOInstall\windrvr6.inf install"

```
C:\GPIOInstall\redist>wdreg.exe -inf c:\GPIOInstall\windrvr6.inf install
WDREG utility v11.30. Build May 12 2013 15:02:58

Processing HWID *WINDRUR6
Installing a signed driver package for *WINDRUR6
LOG ok: 1, ENTER: DriverPackageInstallA
LOG ok: 1, ENTER: DriverPackageInstallW
LOG ok: 1, Looking for Model Section [DeviceList.NTamd64]...
LOG ok: 1, Installing INF file 'c:\GPIOInstall\windrvr6.inf' <Plug and Play>.
LOG ok: 1, Looking for Model Section [DeviceList.NTamd64]...
LOG ok: 1, Installing devices with Id "*WINDRUR6" using INF "C:\Windows\System32\DriverStore\FileRepository\windrvr6.inf_amd64_neutral_c8d97cf517cd4518\windrvr6.inf".
LOG ok: 1, ENTER UpdateDriverForPlugAndPlayDevices...
LOG ok: 0, RETURN UpdateDriverForPlugAndPlayDevices.
LOG ok: 1, Installation was successful.
LOG ok: 0, Install completed
LOG ok: 1, RETURN: DriverPackageInstallW <0x0>
LOG ok: 1, RETURN: DriverPackageInstallA <0x0>
difx_install_preinstall_inf: err 0, last event 0, last error 0. SUCCESS
install: completed successfully

C:\GPIOInstall\redist>_
```

3. Copy wdapi1130.dll to C:/Windows/System32 folder.
4. Install dotNetFx40_Full_setup.exe which can be downloaded from www.microsoft.com
5. Move the GPIO folder to C: drive
6. Double Click on GPIO.exe to test the GPIO. The following picture is the output of the GPIO.exe.

C:\GPIO\GPIO.exe

```
GPIO Test 1
Config GPIO Port 0 to 0xFF
Config GPIO Port 1 to 0x0
Setup GPIO Port 0 to 0x0
Setup GPIO Port 1 to 0xAA
Returned Value GPIO port 1: AA
Returned Value GPIO port 2: AA
GPIO Test 2
Config GPIO Port 0 to 0xFF
Config GPIO Port 1 to 0x0
Setup GPIO Port 0 to 0x0
Setup GPIO Port 1 to 0x55
Returned Value GPIO port 1: 55
Returned Value GPIO port 2: 55
GPIO Test 3
Config GPIO Port 0 to 0x0
Config GPIO Port 1 to 0xFF
Setup GPIO Port 0 to 0xAA
Setup GPIO Port 1 to 0x0
Returned Value GPIO port 1: AA
Returned Value GPIO port 2: AA
GPIO Test 4
Config GPIO Port 0 to 0x0
Config GPIO Port 1 to 0xFF
Setup GPIO Port 0 to 0x55
Setup GPIO Port 1 to 0x0
Returned Value GPIO port 1: 55
Returned Value GPIO port 2: 55
GPIO Test 5
Config GPIO Port 0 to 0x0
Config GPIO Port 1 to 0xFF
Setup GPIO Port 0 to 0xFF
Setup GPIO Port 1 to 0x0
Returned Value GPIO port 1: FF
Returned Value GPIO port 2: FF
GPIO Test 6
Config GPIO Port 0 to 0x0
Config GPIO Port 1 to 0xFF
Setup GPIO Port 0 to 0x0
Setup GPIO Port 1 to 0x0
Returned Value GPIO port 1: 0
Returned Value GPIO port 2: 0

Press Enter to Exit
```