

## General Information

SSID	The OC Wi-Fi Network
Technology	802.11 (We are broadcasting 802.11g with support for devices that use 802.11b such as PDA's etc.)
Frequency	2.4 GHz with the possibility of using the 5 GHz (802.11a) range in areas with high channel utilization
Coverage	Coverage is now available throughout The OC. Once you are connected, you can also roam throughout The OC on the network with fast handoff between nodes.

## To Log On

Simply look for the SSID (*service set identifier*) in your wireless network connection status screen. Double click on the SSID to connect to The OC Wi-Fi Network. When you click on Internet Explorer for the first time you will be redirected to a login page. Here you will be asked to read and accept the End User Agreement. Once you accept the Agreement, you must login by using the following:

Login ID	Given upon Move-In
Password	Given upon Move-In

Once you are logged into the network you will be redirected to our resident update page. **We ask that you briefly scan this page for property updates and announcements.** From the resident update page you have open access to the internet.

## Technical Support

The OC Wi-Fi Network has deployed a firewall/gateway and client privacy in our Mesh, but there is no encryption. You are protected from misuse internally on The OC Wi-Fi Network, but we strongly recommend the use of a firewall on your machine due to the fact that once you login to our system you will be on the internet. Keep in mind that connection to a Wi-Fi broadcast is very complicated. It is easy for our radios to get a high powered signal to you. **But there are huge differences in the kind of cards and adapters available for personal computers and your transmit power may not be enough to get back to our radios.** In some areas of The OC there are also lots of wireless routers broadcasting on the same channels as our radios.

For these two reasons we are providing a list of recommended hardware to consider if you are having difficulty connecting.

## LAPTOPS:

Linksys WPC54GX4 Wireless-G SRX 400

Buffalo Technologies Wireless G MIMO or AirStation

D-Link DWL-G650 AirPlus Xtreme G Network Adapter Card

Hawking Hi-Gain Wireless G Adapter

## DESKTOPS:

Look for adapters from any of the major manufacturers of the notebook cards. Stay away from any of the USB desktop adapters or dongles unless they have high transmit power. There are some USB adapters that are sold locally with very low transmit power and which are basically intended for use indoor with a wireless router. If you need to use a USB adapter we can provide you with information about a very good line with transmit power as high as 100-200 mw which would be excellent for use in this environment.

We would like to request that if you currently have a wireless router broadcasting your own network, please change your broadcast to Channel 1. There are only three non-overlapping channels and this would leave us two channels to provide coverage throughout The OC. If you are using your router to “re-broadcast” or amplify our signal, please use channel 1. Also, make sure your card/adaptor is set to infrastructure mode and not ad-hoc in order to properly attach to our access points. There are also two Edge devices available for purchase with high transmit power which will attach to our network and amplify the signal for the best possible coverage.

There are many things that can affect your connection from the access point to your system in this type of environment. If you are having a problem connecting and the majority of people in your building are connected and working well, we will need you to help diagnose the problem by looking for potential interferences (cordless phones, baby monitors, wireless routers and other PC's using ad-hoc mode). We will also ask you to help diagnose the configuration of your machine as well while we consider environmental interference and broadcast issues.

**For support please call SmartHands Technology at: (740) 548-1248. If they are unable to resolve your issue within 24 hours please inform us in the leasing office. Please understand this is a large network and we cannot diagnose issues with your machine that fall under the purview of your computer manufacturer, Operating System or applications provider.**

Sincerely,

The OC Staff