

# Практическая работа 19 – Работа Wi-Fi

## 1. Строю сеть



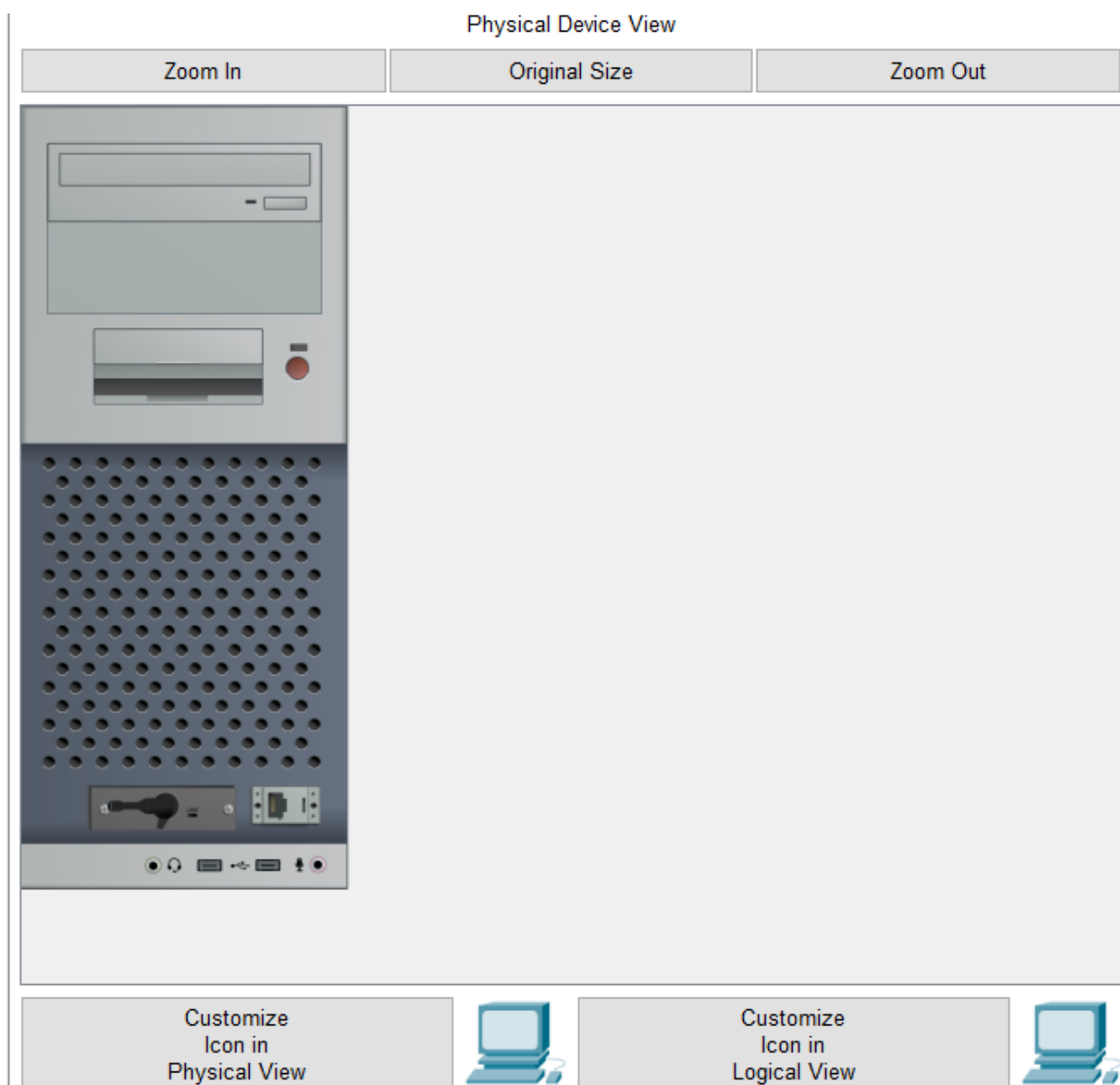
## 2. Настроенный роутер

Setup		Setup	Wireless	Security	Access Restrictions	Applications & Gaming	Wireless-N Broad	Adm
		Basic Setup		DDNS	MAC Address Clone			
<b>Internet Setup</b>								
Internet Connection type	Automatic Configuration - DHCP ▾							
Optional Settings (required by some internet service providers)	Host Name:	<input type="text"/>						
	Domain Name:	<input type="text"/>						
	MTU:	<input type="text"/>	Size:	<input type="text" value="1500"/>				
<b>Network Setup</b>								
Router IP	IP Address:	<input type="text" value="192"/>	<input type="text" value="168"/>	<input type="text" value="0"/>	<input type="text" value="1"/>			
	Subnet Mask:	<input type="text" value="255.255.255.0"/>						
DHCP Server Settings	DHCP Server:	<input checked="" type="radio"/> Enabled <input type="radio"/> Disabled				DHCP Reservation		
	Start IP Address:	<input type="text" value="192.168.0.100"/>						
	Maximum number of Users:	<input type="text" value="50"/>						
	IP Address Range:	<input type="text" value="192.168.0.100 - 149"/>						
	Client Lease Time:	<input type="text" value="0"/> minutes (0 means one day)						
	Static DNS 1:	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>			
Static DNS 2:	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>				
Static DNS 3:	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>				
WINS:	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>				

### 3. Устанавливаю защиту WPA2

Wireless		Setup	Wireless	Security	Access Restrictions	Applications & Gaming	Admin
Wireless		Basic Wireless Settings		Wireless Security	Guest Network	Wireless MAC Filter	
<b>Wireless Security</b>							
Security Mode:		WPA2 Personal					
Encryption:		AES					
Passphrase:		12345678					
Key Renewal:		3600		seconds			

### 4. Подключаю модуль



5. Меняю название роутера и проверяю

Link Information

Connect

Profiles

Below is a list of available wireless networks. To search for more wireless networks, click the **Refresh** button. To view more information about a network, select the wireless network name. To connect to that network, click the **Connect** button below.

Wireless Network Name	CH	Signal
test	1	80%

Site Information

Wireless Mode

Infrastructure

Network Type

Mixed B/G/N

Radio Band

Auto

Security

Disable


MAC Address

000D.BDAE.EE06

Refresh

Connect

2.4GHz



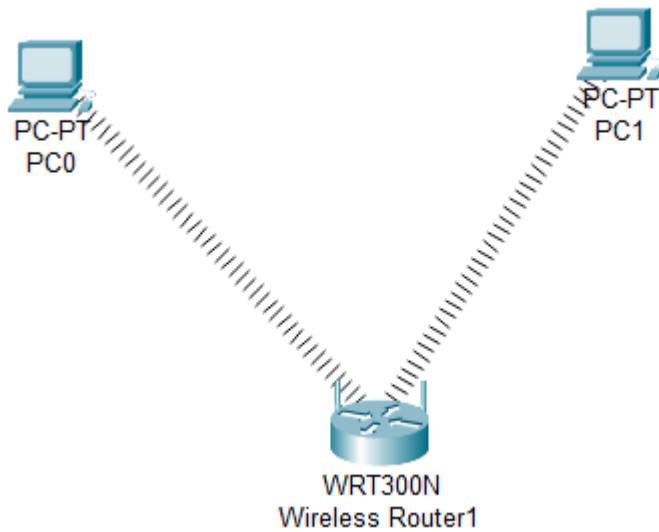
Adapter is Inactive

Wireless-N Notebook Adapter



Wireless Network Monitor v1.0

Model No. WPC300N

6. Подключаю 2 компьютер



7. Проверяю

Fire	Last Status	Source	Destination	Type	Color	Time(sec)	Periodic	Num	Edit	Delete
	Successful	PC0	PC1	ICMP		0.000	N	0	(edit)	