

# CellNode N10

## PRODUCT OVERVIEW

**Problem:** Restaurants and coffee shops want to provide free Wifi Internet access to their clients but at the same time they want to use Google adwords advertising to sponsor the WiFi Internet access. They do not want to manage more than one router per location and want to setup WiFi sharing for both public (free) and private (business) Wifi networks.

**Solution:** SysMaster Corporation offers an inexpensive small business Wifi router (CellNode N10) that can serve advertising content dynamically to tablets and mobile phones. The advertising content can be Google adwords based or any other type of local advertising content. The WiFi router sports multiple Wifi networks with public and private features to allow the Wifi router to be used for both public and business usage.

### Multiple WiFi SSID networks

CellNode N10 supports multiple WiFi SSID networks to allow multiple concurrent usages for private and public Internet use. All defined SSID networks can be authenticated and secured utilizing different security mechanisms. Usually the public network is free and has advertising component, while the business network is secured by using an encryption algorithm.

### Wireless 802.11n, WAN, and LAN network interfaces

CellNode N10 supports multiple interfaces such as Wireless 802.11n, WAN, and LAN interfaces. The router can be easily integrated with any type of ADSL, 3G, or cable modem. The integration is similar to the one supported by most popular Wifi routes available on the market.

### DHCP services with private IP address assignment

CellNode N10 supports DHCP services and allows assignment to multiple private IP addresses using the Wireless and LAN interface. This allows seamless connection via Wireless devices as well as wired local PC computers.

### Web administration and configuration

CellNode N10 supports advanced web management to provide selection among various network options and dialogs. The Web interface is user friendly and easy to navigate and use.

### Google Adwords management

CellNode N10 supports various advertising types that include Google adwords advertising management. Clients can simply apply for Google adwords programs for advertisers and once approved they can simply insert the relevant advertising tags into the CellNode N10 web interface and the router will start to function as a high-end advertising device.

### Advanced firewall and traffic management

CellNode n10 supports advanced firewall and traffic management features to guarantee that the local network is secure and shared fairly among wireless users. The device will partition bandwidth so that some users do not take over all available bandwidth.



## KEY FEATURES

- Multiple WiFi SSID networks
- Wireless 802.11n, WAN and LAN network interfaces
- DHCP services with Private IP address assignment
- Web administration and configuration
- Google Adwords management
- Advanced firewall and traffic management

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## Technical Specifications \*

## Dimensions:

139mmx85mmx24mm

150Mbps WiFi b/g/n  
4x 10/100Mbps LAN Ports  
1x 10/100Mbps WAN Port  
SoC : MT7620N  
CPU : 400Mhz  
RAM : 64MB  
Flash : 16MB  
WiFi : IEEE 802.11n, IEEE 802.11g, IEEE 802.11b  
2x5dbi Antennas  
Frequency : 2.4-2.4835GHz  
Wireless Functions : Enable/Disable Wireless Radio, WDS Bridge, WMM,  
Wireless Statistics  
Wireless Security : 64/128/152-bit WEP / WPA / WPA2,WPA-PSK / WPA2-  
PSK

WAN Type : Dynamic IP/Static IP/PPPoE/PPTP/L2TP/BigPond  
DHCP : Server, Client, DHCP Client List,Address Reservation  
Quality Of Service : WMM, Bandwidth Control  
Port Forwarding : Virtual Server,Port Triggering, UPnP, DMZ  
Dynamic DNS : DynDns, Comexe, NO-IP  
VPN Pass-Through : PPTP, L2TP, IPSec (ESP Head)  
Access Control : Parental Control, Local Management Control, Host List,  
Access Schedule, Rule Management  
Management : Access Control, Local Management, Remote Management

\* Specifications subject to change without notice.



SysMaster  
2700 Ygnacio Valley Rd, Suite 210  
Walnut Creek, CA 94598  
United States of America

Email: [sales@sysmaster.com](mailto:sales@sysmaster.com)  
Web site: [www.sysmaster.com](http://www.sysmaster.com)

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