

## CBR-980 Wireless-N Broadband router

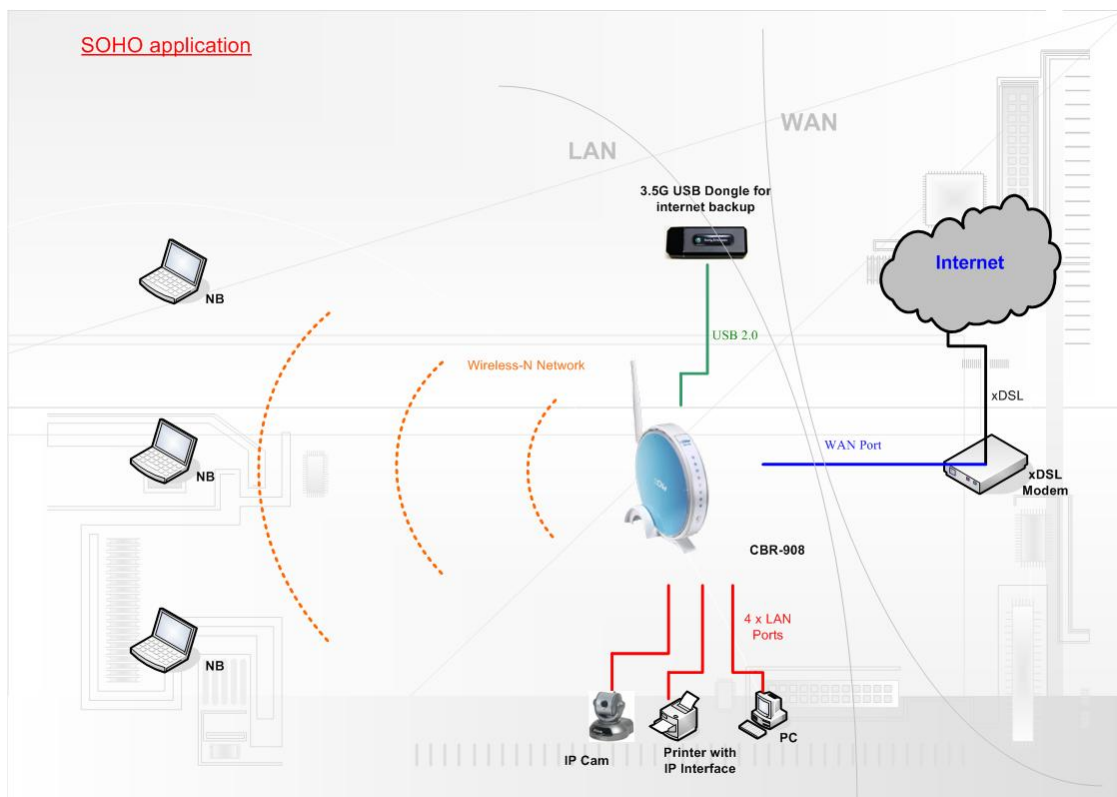
CBR-980 is a multi-functional Wireless-N broadband router that supports both Cable/DSL as well as mobile Internet access standards. Using this new router, customers can quickly setup a fixed or mobile wi-fi hot spot on the go. The new CNet router offers 5 x 10/100 Mbps ports (4 x LAN and 1 x WAN) on the wired side and an IEEE 802.11n (draft 2.0) wireless access point. The unique feature distinguishing CBR-980 is its single USB 2.0 port providing connectivity to 3.5G/WiMAX (Soon to be released) modems as an alternative Internet access method. CBR-980 provides Multi-SSIDs for different network environments and application. For the heavy P2P users, the high efficiency CPU speeds up P2P download for up to 20,000 sessions.

### KEY FEATURES

- 3.5G Internet connection
- Complies with IEEE 802.11n and backward compatible with IEEE 802.11b/g
- Supports Multiple-AP application (up to 4 SSIDs)
- Supports one touch encryption method (WPS) to simplify the secure establishment of a wireless network
- Advanced wireless security, supports 64/128 bit WEP / WPA / WPA2 / WPA2 Mixed
- Advanced firewall security with DoS prevention
- Support 3.5G for WAN connection backup



Soon to have WiMAX



**SPECIFICATIONS**

<b>Standards</b>	HSDPA/UMTS/W-CDMA CDMA2000 TD/SDMA IEEE 802.3 IEEE 802.3u IEEE 802.3x IEEE 802.11b IEEE 802.11g IEEE 802.11n
<b>Channels</b>	1 ~ 11 for FCC 1 ~ 13 for ETSI
<b>LAN interface</b>	One WAN 10/100 BaseT with RJ-45 connector Four LAN 10/100 BaseT with RJ-45 connector
<b>SSID</b>	Up to 4 SSIDs
<b>Data Rate</b>	IEEE 802.11b: 1, 2, 5.5, 11 Mbps IEEE 802.11g: 6, 9, 12, 18, 24, 36, 48, and 54 Mbps 11n(20MHz): up to 144Mbps 11n(40MHz): up to 300Mbps
<b>Modulation</b>	802.11b: DSSS with BPSK, QPSK,CCK 802.11g: OFDM with BPSK, QPSK, 16QAM, 64QAM 802.11n: OFDM with BPSK, QPSK, 16QAM, 64QAM
<b>Security</b>	64 / 128bit WEP WPA WPA2 WPA2 Mixed
<b>Transmit Power</b>	IEEE 802.11b: 19dBm +/- 2.0dBm (typical) IEEE 802.11g: 16dBm +/- 2.0dBm (typical) IEEE 802.11n: 14dBm +/- 1.5dBm (typical)
<b>Antenna</b>	One internal antenna and One detachable external antenna
<b>LED</b>	1x Power: Green 1xStatus: Green 1xWLAN/WPS : Green/Orange 1xWAN : Green 4xLAN : Green
<b>Button</b>	Reboot / Reset button WPS button
<b>Power Requirement</b>	AC 100V ~ 240V input DC 5V / 1.5A output
<b>Environment</b>	Operating Temperature:0° ~40° C (32° ~ 113° F) Storage Temperature: -20° ~ 60° C (-4° ~ 140° F) Humidity: 10% ~ 90% Non-condensing
<b>Certifications</b>	CE, FCC, RoHS
<b>Dimensions (L x W x H)</b>	150 x 150 x 33mm (5.91 x 5.91 x 12.99inches)