

1200Mbps Distributed Wireless Router

BWR-510

“Nebula” Series

The BWR-510 is a combined wired and wireless device for SOHO network applications. It's compatible with 802.11a/b/g/n/ac devices and provides the wireless transfer speed up to 1200Mbps, more than two wireless routers work together to build WiFi network with same SSID and password, all Wireless clients devices achieve 100Ms level roaming when moving between rooms, offering a better performance on online gaming, video streaming, and VoIP phone calling.



“Nebula” Series solution include Distributed Wireless Router and Powerline Modems , both solution use distributed structure to build WiFi network , blue LED hidden in louvers ,seems like stars in sky , so named "nebula" series , customers can select suitable solution for your home network .

Key Features:

- Distributed structure, more than two devices work together to build same ssid
- Same design , no need to distinguish master and slave
- Networking automatically , once configuration , all completed
- Port mixed , wan/lan identified automatically
- Merging frequency, 2.4G&5Ghz with same SSID

Specification:

Hardware	
Chipset	RTL8197FS+8812
Memory	128MB DDR + 8MB FLASH
Interfaces	2* 10/100/1000M Auto MDI/MDIX RJ45 WAN/LAN port
LED Indicators	PWR
Buttons	Reset, WPS
Antenna	2* internal 3dBi antenna
Power Supply	DC 12V/1A
Dimensions (L x W x H)	100*100*40(mm)

Wireless	
Standards	IEEE 802.11a/b/g/n/ac
Signal Rate	Up to 1200Mbps
Frequency Range	2.412 – 2.472 GHz , 5.180-5.825GHZ
Transmit Power	20dBm(MAX)
Data Transfer Rates	802.11ac: 80MHz(433Mbps) 802.11n: 40MHz(300Mbps, 270Mbps, 240Mbps, 180Mbps, 120Mbps, 90Mbps, 60Mbps, 30Mbps) 20MHz (144Mbps, 130Mbps, 115Mbps, 86Mbps, 57Mbps, 43Mbps, 28Mbps, 14Mbps) (Auto-Sense) 801.11g: (54Mbps, 48Mbps, 36Mbps, 24Mbps, 18Mbps, 12Mbps, 11Mbps, 9Mbps, 6Mbps)

	802.11b: (11Mbps,9Mbps, 6Mbps, 5.5Mbps, 2Mbps, 1Mbps)
Wireless Modes	AP, Mesh
Wireless Security	64/128-bit WEP, WPA-PSK/WPA2-PSK (TKIP/AES) SSID Broadcast Enable/Disable Wireless MAC Filtering

Software	
WAN Type	DHCP, Static IP, PPPoE, L2TP, PPTP,
Port Forwarding	Support
DMZ	
QoS	Bandwidth Control
Access Control	IP/MAC/ filtering
VPN Pass-through	PPTP, L2TP, IPSEC
Others	DDNS,ICMP, Static Routing, Remote Management, Firmware upgrade, Backup & Restore

Others	
Certification	FCC, CE
Environment	Operating Temperature: 0℃~40℃ Storage Temperature: -40℃~70℃ Operating Humidity: 10%~90% non-condensing Storage Humidity: 5%~90% non-condensing
Package	1 *BWR-510 1 *12V/1A Power Adapter 1 * Ethernet Cable 1 * Quick Installation Guide

Housing

