

Appendix A

Default Settings and Technical Specifications

This appendix provides the factory default settings and technical specifications for the RangeMax NEXT Wireless Access Point.

Factory Default Settings

You can use the reset button located on the front of your device to reset all settings to their factory defaults. This is called a hard reset.

- To perform a hard reset, push and hold the reset button for approximately 5 seconds (until the Power LED changes from blinking green to solid amber). Your device will return to the factory configuration settings shown in [Table A-1](#) below.
- Pressing the reset button for a shorter period of time will simply cause your device to reboot.

Table A-1. Access Point Default Configuration Settings

Feature	Description
AP Login	
User Login URL	192.168.0.233 or netgearxxxxxx"; where xxxxxx is the last 6 hexadecimal digits of the WN802T MAC address.
User Name (case sensitive)	admin
Login Password (case sensitive)	password
Ethernet Connection	
Access Point Name	netgearxxxxxx where xxxxxx are the last 6 digits of the wireless access point MAC address.
Ethernet MAC Address	See rear label.
Access Point Mode	On
Port Speed	10/100/1000 Mbps
Local Network (LAN)	

Table A-1. Access Point Default Configuration Settings

Feature		Description
	Lan IP	192.168.0.233
	Subnet Mask	255.255.255.0
	Gateway Address	192.168.0.1
	DHCP Client	Disabled
	Time Zone	GMT-08:00
	Time Zone Adjusted for Daylight Saving Time	Disabled
Wireless		
	Operating Mode	11b/g/Next (20/40 MHz)
	Wireless Communication	Enabled
	Wireless Network Name (SSID)	NETGEAR
	Broadcast Network Name SSID	Enabled
	Security	Disabled
	Transmission Speed	Auto ^a
	Country/Region	United States (in North America; otherwise, varies by region)
	Channel/Radio Frequency	6/2.43 GHz (until the region is selected)
	Output Power	Full
	Wireless Card Access List	All wireless stations allowed

a. Maximum Wireless signal rate derived from IEEE Standard 802.11 specifications. Actual throughput will vary. Network conditions and environmental factors, including volume of network traffic, building materials and construction, and network overhead, lower actual data throughput rate.

Technical Specifications

Table A-2. WN802T Technical Specifications

Parameter	RangeMax NEXT Wireless Access Point
802.11Next Data Rates	7.2, 14.4, 21.7, 28.9, 43.3, 57.8, 65, 72.2, 87.7, 115.6, 130 & 144.4 Mbps (20Hz) 15, 30, 45, 60, 90, 120, 135, 150, 180, 240, 270 & 300 Mbps (40Hz)
802.11b/g Data Rates	1, 2, 5.5, 11, 12, 18, 24, 36, 38, 54, & 108 Mbps (Auto-rate capable)
802.11b/g/Next Operating Frequencies	2.412 ~ 2.462 GHz (US) 2.457 ~ 2.462 GHz (Spain) 2.412 ~ 2.484 GHz (Japan) 2.457 ~ 2.472 GHz (France) 2.412 ~ 2.472 GHz (Europe ETSI)
802.11b/g/Next Encryption	40-bits (also called 64-bits), 128-bits WEP data encryption; TKIP (WPA-PSK) and AES (WPA2-PSK)
Network Management	Web-based configuration and status monitoring
Maximum Clients	Limited by the amount of wireless network traffic generated by each node; typically 15 to 20 nodes.
Status LEDs	Power/Ethernet LAN/Wireless LAN
Power Adapter	12V DC, 1.5 A Switching Power Supply
Electromagnetic Compliance	FCC Part 15 Class B and Class E, CE, and C-TICK
Environmental Specifications	Operating temperature: 0 to 50° C Operating humidity: 5-95%, non-condensing

