

Neme X18S

**AX1800 Superior Whole Home
Mesh WiFi 6 System**



Easy Network, Trustable

OVERVIEW:

Neme X18S Superior AX1800 Mesh system offers high-speed Wi-Fi 6 connectivity with dual-band capability, providing combined wireless speeds up to 1775 Mbps. Built with external Front-End Module (FEM) amplifiers, it delivers extended signal strength, ideal for larger home environments. This system incorporates AI-Driven Mesh Technology, which optimizes connectivity by continuously learning and adapting to environmental changes, maintaining consistent performance and reducing dead zones.

Neme X18S supports up to 150 connected devices with seamless coverage up to 6,000 square feet, ensuring a low-latency, stable internet experience even in high-traffic scenarios. It also features easy setup, robust security protocols, and compatibility with mobile management apps, making it user-friendly for a range of consumer needs.

KEY FEATURES:

- **AX1800 Dual Band WiFi:** Super-fast WiFi 6 with speeds up to 1,800 Mbps—1,201 Mbps on 5 GHz and 574 Mbps on 2.4 GHz.
- **External FEM for Enhanced Signal Strength:** Featuring an external front-end module, Neme X18S delivers powerful signal transmission, maximizing coverage and reducing dead zones.
- **AI-Driven Mesh Network:** Built with AI-driven mesh capabilities, this router continuously learns from and adapts to network conditions, optimizing performance for a seamless, self-optimizing Wi-Fi experience.
- **Beamforming for Targeted Coverage:** With built-in beamforming, Neme X18S directs Wi-Fi signals towards individual devices rather than broadcasting them in all directions. This targeted coverage improves connection strength and stability, especially for devices located further from the router.
- **Easy Setup and Remote Management:** Neme X18S supports BeeWiFi mobile app, allowing for easy setup, remote network management, and real-time monitoring. Users can effortlessly adjust settings, run diagnostics, and access parental controls through the app, even when away from home.
- **Advanced Security Features:** Built with WPA3 encryption, Neme X18S ensures high-level security for connected devices. Additional features include built-in firewall protection, automatic updates, and the option to create guest networks, ensuring a secure environment for all users.

SPECIFICATION:

WIRELESS	
Standards	➤ Wi-Fi 6 - IEEE 802.11ax/ac/n/a 5 GHz - IEEE 802.11b/g/n 2.4 GHz
WiFi Speeds	➤ AX1800 5 GHz: 1201Mbps 2.4 GHz: 574Mbps
WiFi Range	➤ 4-6+ Bedroom Houses (3-pack) ➤ 2*internal High-Performance Antennas ➤ Multiple antennas form a signal-boosting array to cover more directions and large areas ➤ Beamforming Concentrates wireless signal strength towards clients to expand WiFi range ➤ High-Power External FEM Improves transmission power to strengthen signal coverage
WiFi Capacity	➤ Dual-Band: Allocate devices to different bands for optimal performance ➤ OFDMA: Simultaneously communicates with multiple Wi-Fi 6/5/4 clients ➤ Airtime Fairness: Improves network efficiency by limiting excessive occupation ➤ 4 Streams Connect your devices to more bandwidth
HARDWARE	
Processor	Dual-core 1.3GHz CPU
DDR/FLASH	256MB/128MB
Interface	1x Gigabit WAN Port+2x Gigabit LAN Ports
Buttons	1 RESET button on the underside
Power Adapter Input	100-240V ~ 50-60Hz 0.6A
Power Adapter Output	DC 12V/1.5A
Dimensions (W × D × H)	106mmX106mmX115mm
SOFTWARE	
Working Mode	Router, Access Point
WiFi Encryption	WPA, WPA2, WPA/WPA2-Enterprise, WPA3

Network Security	SPI Firewall, Access Control, IP & MAC Binding, Application Layer Gateway
Guest Network	5 GHz Guest Network 2.4 GHz Guest Network
Protocols	IPv4, IPv6
WAN Types	Dynamic IP, Static IP, PPPoE, PPTP, L2TP
Parental Controls	URL Filtering, Time Controls
Quality of Service	QoS by Device
IPTV	Bridge, Tag VLAN
NAT Forwarding	Port Forwarding, Port Triggering, DMZ, UPnP
Dynamic DNS	DynDns, no-ip
Management	Local Management; Remote Management; Multi-Managers
Others	FOTA, TR069, Remote Access, Backup & Restore
PHYSICAL	
Package Contents	Package Contents for Neme X18S(1-pack): 1*Neme X18S unit 1*RJ45 Ethernet cable 1*Power adapter 1* Quick Installation Guide Package Contents for Neme X18S(2-pack): 2*Neme X18S unit 1*RJ45 Ethernet cable 2*Power adapter 1* Quick Installation Guide Package Contents for Neme X18S(3-pack): 3*Neme X18S unit 1*RJ45 Ethernet cable 3*Power adapter 1* Quick Installation Guide
OTHER	
Certification	CE, FCC, RoHS
Environment	Operating Temperature: 0℃ ~ 40℃ Storage Temperature: -40℃ ~ 70℃ Operating Humidity: 10% ~ 90% non-condensing Storage Humidity: 5% ~ 90% non-condensing

