

ARRIS SURFboard™ mAX Pro Mesh Wi-Fi System Whole-Home Wi-Fi Without Limits

Tri-Band 4x4 802.11AX Mesh Wi-Fi System



FEATURES

- mAX Pro allows up to 3 units to be configured to cover up to a 9000 sqft home with Gigabit Wi-Fi speeds
- Mobile Application provides easy on-boarding, monitoring, configuration, and remote access anywhere, anytime
- Take advantage of ISP Gigabit speeds (up to 2Gbps) via 11 Gigabit 802.11 AX Wi-Fi PHY rate, dedicated backhaul, and link aggregation
- Extend your wireless network via advanced Mesh features including fast channel changes and steering
- Backward 802.11 AC and N compatibility supported by Tri-Band 2.4GHz & 5GHz 4x4 AX configuration
- ARRIS Secure Home Internet and Parental Controls by McAfee
- Set up additional isolated guest network for your guests (or kids) to use
- Amazon Alexa Voice compatible
- Supports the requirements for today and tomorrow's high bandwidth devices including Virtual Reality, 4K Video Streaming, Gaming systems, Security cameras and devices, and all of your social media apps

PRODUCT OVERVIEW

The ARRIS SURFboard mAX Pro Mesh Wi-Fi system is more than just a Wi-Fi router- it's a revolutionary new mesh networking experience. The SURFboard mAX Pro uses 802.11AX- the first Wi-Fi technology offering Gigabit Wi-Fi speeds in the home. Not only is the SURFboard Pro fast, it also can connect to your smart home IoT devices seamlessly. Imagine all of your smart devices, streaming TVs, phones, IP cameras, security devices, gaming, and IoT devices located in all corners of your home-connected and performing flawlessly. The downloadable SURFboard mAX mobile app for iOS and Android Mobile allows for easy setup and remote access, as well as home network and parental controls. The iconic design of the SURFboard mAX Pro is something you'll be proud to have on your living room mantle. Even more, mAX Pro is compatible with Alexa voice control to help manage your whole home network.

GENERAL SPECIFICATIONS *1

Processing and Memory

CPU & Wi-Fi BCM 4908 + BCM 43684 (x3)

DRAM 512MB DDR3

Flash 256MB NAND

Wireless

5 GHz 802.11a/n/ac/ax
4x4 low/high bands with dedicated backhaul2.4 GHz 802.11b/g/n/ax
4x4

Antennas Nine (total). Four 2.4GHz plus 5GHz low band shared; Four 5GHz high band (back haul); plus One Bluetooth (all internal)

Max AX Speeds 11 Gbps PHY rate

Wi-Fi Security Modes WPA/WPA2

Mesh

Technologies Fast channel changes, band & channel steering, common SSID & password

Satellite Units Extend up to 2 additional units for seamless whole-home coverage and remote management

Max Coverage Approximately 9000 sq ft for 3 units.

Management

Mobile App On-boarding, configuration, parental controls, Secure Home Internet by McAfee, networking status, remote access

Parental Controls Enable/Disable devices or grouped devices, set time limit profiles, set device priority, and more

Physical Properties

Dimensions 9.6" Height x 5" Diameter (127mm x 244mm)

Weight 2lbs (.9 kg)

4-port Ethernet 1x GbE WAN port (supports 2G link aggregation)
3x GbE LAN port with status LEDs

Reset Reset button for default configuration

Status LEDs Configurable RGB LED status ring

Certifications

Certifications/Safety FCC, IC, UL, RoHS, WEEE

Small Network Equipment Voluntary Agreement

Ethernet IEEE 802.3, 802.3ab

Wi-Fi Alliance 802.11a/b/g/n/ac with ax pending

Power

AC Power Supply Wall-plug style, 42W max output, input voltage 120VAC Nominal (90-132VAC Operational)

Power Consumption 42W in full load

Operating Environment

Temperature 0°C to 40°C

Humidity 5% to 95% (non-condensing)

User Management

Control Panel ARRIS ECO, TR-069, 1905.1 MAP/Easy-Mesh (TBD)

Security McAfee SHI *2

Voice Amazon Alexa Voice control compatible *2

Adv settings Firewall, DNS, DHCP, NAT, Reservations, Port Forwarding, uPnP

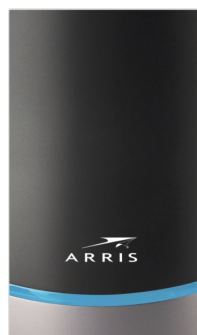
Guest Networks 1 additional supported

Accessories

Power supply, Cat5E ethernet Cable

Mobile App (Android, iOS) downloadable via App stores

Warranty 2-year warranty, and warranty/license inserts



SURFboard
mAX
WHOLE-HOME WI-FI SYSTEM

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*2 Supported in future release