



MESH Wi-Fi 6 SYSTEMS & ROUTERS

FEATURES	SURFboard mAX™ Pro Mesh Wi-Fi System	SURFboard mAX™ Pro Mesh Wi-Fi Router	SURFboard mAX™ Plus Mesh Wi-Fi System	SURFboard mAX™ Plus Mesh Wi-Fi Router
Wi-Fi® Speed	Tri-band AX11000	Tri-band AX11000	Tri-band AX7800	Tri-band AX7800
Wi-Fi Coverage	Up to 6,000 square feet	Up to 3,000 square feet	Up to 6,000 square feet	Up to 3,000 square feet
Gigabit Ethernet Ports	8 (4 per router)	4	8 (4 per router)	4
Wi-Fi Bands	12 Stream 802.11ax Wi-Fi 6 4x4 5 GHz (High) 4x4 5 GHz 4x4 2.4 GHz	12 Stream 802.11ax Wi-Fi 6 4x4 5 GHz (High) 4x4 5 GHz 4x4 2.4 GHz	8 Stream 802.11ax Wi-Fi 6 4x4 5 GHz (High) 2x2 5 GHz 2x2 2.4 GHz	8 Stream 802.11ax Wi-Fi 6 4x4 5 GHz (High) 2x2 5 GHz 2x2 2.4 GHz
Gigabit Backhaul	Dedicated 4x4 Wi-Fi 6 band Up to 4.8 Gbps	Dedicated 4x4 Wi-Fi 6 band Up to 4.8 Gbps	Dedicated 4x4 Wi-Fi 6 band Up to 4.8 Gbps	Dedicated 4x4 Wi-Fi 6 band Up to 4.8 Gbps
Simultaneous HD, 4K and VR Streaming	★★★★★	★★★★★	★★★★★	★★★★★
Routers in Each Pack	2	1	2	1
Works with Alexa	✓	✓	✓	✓
Simple and Secure Management with SURFboard mAX™ Manager App	✓	✓	✓	✓
Link Aggregation Capable (LAC)	✓	✓	✓	✓
2-Year Limited Warranty	✓	✓	✓	✓
Dedicated Technical Support by ARRIS	✓	✓	✓	✓



CABLE MODEMS

MODEM FEATURES	SURFboard® SB6183	SURFboard® SB6190	SURFboard® SB8200
DOCSIS® 3.0 Downstream x Upstream Channels	16 x 4	32 x 8	32 x 8
DOCSIS® 3.1 Advanced Technology	N/A	N/A	✓
Best Service Tier*	Up to 300 Mbps	Up to 600 Mbps	Up to 2 Gbps
Wi-Fi®	N/A	N/A	N/A
Gigabit Ethernet Ports	1	1	2
Simultaneous HD, 4K and VR Streaming	★★★★☆	★★★★★	★★★★★
High-Performance Online Gaming	★★★★☆	★★★★★	★★★★★
Voice Service Capability	N/A	N/A	N/A
Link Aggregation Capable (LAC)	N/A	N/A	✓
2-Year Limited Warranty	✓	✓	✓
Dedicated Technical Support by ARRIS	✓	✓	✓

* Limitations may be imposed by the authorized service tier for a device, or by Ethernet port constraints.
2nd IP address required for speeds greater than 1Gb. Link Aggregation may be required in some instances.



CABLE MODEMS AND WI-FI ROUTER

MODEM FEATURES	SURFboard® SBG10	SURFboard® SBG6950AC2	SURFboard® SBG7400AC2	SURFboard® SBG7600AC2	SURFboard® SBG8300
DOCSIS® 3.0 Downstream x Upstream Channels	16 x 4	16 x 4	24 x 8	32 x 8	32 x 8
DOCSIS® 3.1 Advanced Technology	N/A	N/A	N/A	N/A	✓
Best Service Tier*	Up to 400 Mbps	Up to 400 Mbps	Up to 400 Mbps	Up to 600 Mbps	Up to 4 Gbps
Gigabit Ethernet Ports	2	4	4	4	4
USB Ports	N/A	1	1	1	N/A
High-Performance Online Gaming	★★★★☆	★★★★☆	★★★★☆	★★★★☆	★★★★★
Simultaneous HD, 4K and VR Streaming	★★★★☆	★★★★☆	★★★★☆	★★★★☆	★★★★★
Voice Service Capability	N/A	N/A	N/A	N/A	N/A
Energy Efficient Ethernet	✓	✓	✓	✓	✓
2-Year Limited Warranty	✓	✓	✓	✓	✓
Dedicated Technical Support by ARRIS	✓	✓	✓	✓	✓
Wi-Fi FEATURES					
Wi-Fi	AC1600 dual concurrent	Wave 2 AC1900 dual concurrent	Wave 2 AC2350 dual concurrent	Wave 2 AC2350 dual concurrent	Wave 2 AC2350 dual concurrent
Wi-Fi HD Multi-Media Streaming	★★★★☆	★★★★☆	★★★★★	★★★★★	★★★★★
Antenna Configuration: MIMO (Multiple In, Multiple Out)	2x2 on 2.4 GHz 3x3 on 5.0 GHz	3x3 on 2.4 GHz 3x3 on 5.0 GHz	3x3 on 2.4 GHz 4x4 on 5.0 GHz	3x3 on 2.4 GHz 4x4 on 5.0 GHz	3x3 on 2.4 GHz 4x4 on 5.0 GHz
Antenna Configuration: MU-MIMO (Multi-User MIMO)	N/A	3x3 on 2.4 GHz 3x3 on 5.0 GHz	3x3 on 2.4 GHz 4x4 on 5.0 GHz	3x3 on 2.4 GHz 4x4 on 5.0 GHz	N/A
McAfee® Secure Home Internet	N/A	✓	✓	✓	N/A
Simple and Secure Management with SURFboard Manager App and/or Web Manager	✓	✓	✓	✓	✓
Wi-Fi Pairing Button (WPS)	N/A	✓	✓	✓	N/A
Preset Wi-Fi Security	✓	✓	✓	✓	✓
Wireless Guest Access	✓	✓	✓	✓	✓

* Limitations may be imposed by the authorized service tier for a device, or by Ethernet port constraints.
2nd IP address required for speeds greater than 1Gb. Link Aggregation may be required in some instances.



Xfinity CUSTOMERS

MODEM FEATURES	SURFboard® SVG2482AC	SURFboard® SBV2402	SURFboard® SBV3202	SURFboard® T25
DOCSIS® Downstream x Upstream Channels	24 x 8	24 x 8	32 x 8	32 x 8
DOCSIS 3.1® Advanced Technology	N/A	N/A	N/A	✓
Best Service Tier*	Up to 400 Mbps	Up to 400 Mbps	Up to 600 Mbps	Up to 2 Gbps
Works with Xfinity Internet & Voice	✓	✓	✓	✓
Gigabit Ethernet Ports	4	1	1	2
Telephony Ports	2	2	2	2
USB Ports	2	N/A	N/A	N/A
High-Performance Online Gaming	★★★★☆	★★★★☆	★★★★☆	★★★★★
Simultaneous HD, 4K and VR Streaming	★★★★☆	★★★★☆	★★★★☆	★★★★★
Supports back-up power (sold separately)	✓	N/A	✓	N/A
2-Year Limited Warranty	✓	✓	✓	✓
Dedicated Technical Support by ARRIS	✓	✓	✓	✓
WI-FI FEATURES				
Wi-Fi® Speed	Up to 1750 Mbps	N/A	N/A	N/A
Dual-Band Concurrent Wi-Fi	✓	N/A	N/A	N/A
Wi-Fi HD Multi Media Streaming	★★★★☆	★★★★☆	★★★★☆	★★★★★
Supports Wireless Printing	✓	N/A	N/A	N/A
Wi-Fi Pairing Button (WPS)	✓	N/A	N/A	N/A
Preset Wi-Fi Security	✓	N/A	N/A	N/A

* Limitations may be imposed by the authorized service tier for a device, or by Ethernet port constraints. 2nd IP address required for speeds greater than 1Gb. Link Aggregation may be required in some instances.