



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.