

Q. Compare and contrast 802.11 family of physical layer interface.

Sl. No.	Versions	Release	Data Rate	Bandwidth	Range	Output	New Technology	Link
1.	802.11	June 1997	1 or 2 Mbit/s	2.4 GHz	-----	-----	-----	802.11 802.11_Family\f2.jpg
2.	802.11a	Sep 1999	1.5 to 54 Mbit/s	5 GHz	Less range	-----	-----	802.11a 802.11_Family\f8.jpg
3.	802.11b	2000	11 Mbit/s	2.4 GHz	-----	High throughput	-----	802.11b 802.11_Family\f3.jpg
4.	802.11g	June 2003	22 Mbit/s to 54 Mbit/s	2.4 GHz	-----	-----	Uses OFDM based transmission scheme	802.11g 802.11_Family\f4.jpg
5.	802.11n	Oct 2009	54 Mbit/s to	2.4 GHz to 5 GHz	-----	-----	It has MIMO antennas	802.11n 802.11_Family\f1.jpg
6.	802.11ac	Dec 2013	1300 Mbit/s	5 GHz	-----	-----	It supports multi-user MIMO	802.11ac 802.11_Family\f5.jpg
7.	802.11ad	Dec 2012	7 Gbit/s	60 GHz	-----	-----		802.11ad 802.11_Family\f6.jpg
8.	802.11 AH	2016	-----	900MHz	-----	-----	-----	802.11 AH 802.11_Family\f7.jpg
9.	802.11 AJ	2016	15 Gbit/s	24/62	-----	-----	-----	802.11 AJ 802.11_Family\f9.jpg
10.	802.11 AX	2019	-----	2.4/5	-----	-----	-----	802.11 AX 802.11_Family\f10.jpg