

# 802.11 Alphabet Soup

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# 802.11 (legacy)

- 2.4 Ghz
- 1 or 2 Mbps
- CSMA/CA
- FHSS & DSSS

# 802.11a

- 5 Ghz
- 54 Mbps
- OFDM
- DSSS

# 802.11b

- 2.4 Ghz
- 11 Mbps
- CCK

# 802.11d

- New Countries

# 802.11e

- QoS
- VOIP
- Video

# 802.11f

- Inter Access Point Protocol (IAPP)
- Handoff of clients

# 802.11g

- 2.4 Ghz
- 54 Mbps
- OFDM
- 802.11b compatible mode

# 802.11h

- European 5Ghz, supplemental
- Transmit Power Control (TPC)
- Dynamic Frequency Selection (DFS)

# 802.11i

- Supplemental security
- Temporal Key Integrity Protocol (TKIP)
- Advanced Encryption Standard (AES)

# 802.11j

- Japanese Extensions

# 802.11n

- 4-5 times the speed of 802.11a / 802.11g
- End of 2005