

- Wireless LAN (WLAN) Specs -

Network Standard	IEEE 802.11b	IEEE 802.11a	ETSI BRAN HiperLAN1	ETSI BRAN HiperLAN2
Access Method	CSMA/CA, SSMA	CSMA/CA	TDMA/EY-NPMA	TDMA/TDD
Modulation	CCK (8 complex chip spreading)	64 QAM-OFDM 16 QAM-OFDM QPSK-OFDM BPSK-OFDM	GMSK/FSK	64 QAM-OFDM 16 QAM-OFDM QPSK-OFDM BPSK-OFDM
Data Rate (Mbits/s)	1, 2, 5.5 and 11	6, 9, 12, 18, 24, 36, 48 and 54	23 (HBR) 1.4 (LBR)	6, 9, 12, 18, 27, 36, 48 and 54
Frequency Band (MHz)	2,400 to 2,483.5	5,150 to 5,250 5,250 to 5,350 5,725 to 5,825	5,150 to 5,300 limited in some countries to 5,150 to 5,250	5 GHz bands currently under study
Channelization	25/30 MHz spacing 3 channels	20 MHz channel spacing	23.5294 MHz (HBR) 3 channels in 100 MHz and 5 channels in 150 MHz 1.4 MHz (LBR)	20 MHz channel spacing 4 channels in 100 MHz
Transmit Power	1,000 mW EIRP 100 mW EIRP 10 mW/MHz EIRP	5,150 to 5,250 10 mW/MHz 200 mW EIRP in 20 MHz channel 5,250 to 5,350 1 W EIRP 5,725 to 5,825 4 W EIRP	Three different classes of power levels depending on country administration 1 W EIRP 100 mW EIRP 10 mW EIRP	Power limits currently under study