









Technology	Standard	Usage	Throughput	Range	Frequency
UWB	IEEE 802.15	Personal Area Network	110-480 Mbps	Up to 30 feet	4 GHz to 10 GHz
WiFi and HiperLAN 2	IEEE 802.11 & ETSI Standard	Radio Local Area Networks unified with other wireless apps like CDMA and UMTS	Up to 54 Mbps	Up to 300 feet	900 MHz 2.4 GHz 5-5.8 GHz
WiMax	IEEE 802.16d and 802.16e	Radio Metro Area network (fixed and mobile)	Up to 75 Mbp/s on 20 MHz Channels and up to 30 Mbp/s for mobility	4-6 miles for fixed and 1-3 miles for mobility	2.1, 2.3, 2.5- 2.6, and 3.5 GHz
W-CDMA, CDMA2000, etc.	IMT-2000	Cellular/Wireless Wide Area Network	Up to 2 Mbps	1-5 miles	700, 800, 1.7, 1.8, 1.9, 2.1, 2.3, 2.8,









