

Device	Tx/Rx	Supported frequencies	Max. sample rate ADC/DAC (rate, width)	clock stability/precision	TX/RX channels	Bus / Interface	Price
USRP B2x0	Tx and Rx with Full-duplex	70 Mhz - 6 GHz	61.44 Msps, 12 bits	± 2 ppm without GPSDO	- B200 : 1 Tx + 1 Rx - B210 : 2 Tx + 2 Rx	USB 3	~800€ min.
bladeRF	Tx and Rx with Full-duplex	300 MHz – 3.8 GHz	40 Msps, 12 bits	± 1 ppm	1 Tx + 1 Rx	USB 3	~400€ min.
LimeSDR	Tx and Rx with Full-duplex	100 kHz-3.8 GHz	61.44 Msps, 12 bits	± 2.5 ppm	2 Tx + 2 Rx	USB 3	~300€ min.
XTRX	Tx and Rx with Full-duplex	30 MHz - 3.7 GHz	120 Msps SISO / 90 Mss MIMO, 12 bits	± 0.5 ppm without GPS / ± 0.01 ppm avec lock GPS	2 Tx + 2 Rx	PCIe x2	~260€ min.
RTL-SD	Rx only	Different tuners: 52 - 2200 MHz; 24 - 1766 MHz; 22 - 1100 MHz; 22 - 948.6 MHz; 146 - 308 Mhz and 438 - 924 MHz	3.2 Msps, 8 bits	± 25 ppm	1 Rx	USB 2	~15€ - 100€
SDRplay	Rx only	10kHz - 2 GHz	10.66 Msps, 12 bits	~0,5ppm	1 Rx	USB 2	150,00 €
HackRF	TX and Rx Half-duplex	300 MHz - 3.8 GHz	20 Msps, 8 bits	20 ppm	1 Rx	USB 2	> 300€

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bladeRF	Tx and Rx with Full- duplex	300 MHz - 3.8 GHz	40 Msps, 12 bits	± 1 ppm	1 Tx + 1 Rx	USB 3	400€ - 700€
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SDR Comparison table by @FIUxluS for GreHack 2019 workshop on radio