



## Crimson Platform Compared to Other SDRs

As displayed below, when compared to other SDRs, the Crimson platform is superior in many important attributes and has excellent unit economics.

	Crimson TNG	USRP®X310*	P2A	SI-8649A/PF	
Specification	Typ.	Typ.	Typ.	Typ.	Units
Operating Frequency	DC-6000	400-4400	950-1750	2-3000	MHz
Number of Channels	4RX + 4TX	2RX + 2TX	0RX + 6TX	2RX + 0TX	
RF Bandwidth per channel	325	325	Four @ 40 Two @ 80	25	MHz
Physical Interfaces	Dual 1/10G SFP+ 1G Ethernet USB SD Card	Dual 1/10G SFP+ PCIe x4	10G SFP+	Gadget mode Ethernet via USB 2.0 RD-232	
Phase Coherency	Yes	No	No	Yes	

ADC					
ADC Sample Rate	370	200	N/A	Not Specified	MSPS
ADC Resolution	16	14	N/A	Not Specified	bits

DAC					
DAC Sample Rate	2500	800	1800	N/A	MSPS
DAC Resolution	16	16	14	N/A	bits

Internal Reference Accuracy	10	25	Not Specified	Not Specified	ppb
Pulse-per-second (PPS)	Yes	No	Yes	Not Specified	
Dimensions	38.1 x 50.0 x 4.0	27.7 x 21.8 x 3.9	38.1 x 66.0 x 4.0	7.6 x 14.2 x 4.6	cm

\*USRP®X310 with two SBX 400-4400 Mhz Rx/Tx Daughterboards

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