

Daughterboard Compatibility

Application Note Number: AN-5501

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Reference: <https://www.ettus.com/kb/detail/daughterboard-compatibility>

Compatibility table for standard (40 MHz or less) and extended (120 MHz) bandwidth daughterboards.

The table below summarizes daughterboard compatibility across all USRP models.

RFX Series, XCVR2450 - Not Recommended for New Projects

Since introducing the RFX Series and XCVR2450 daughterboards, Ettus Research has continued to improve its product line with new, more capable designs. If you are looking to purchase a new daughterboard or system, we recommend using the WBX/WBX-120, SBX/SBX-120, or CBX/CBX-120. You can select these daughterboard based on the frequency of your application.

Dual Daughterboard Slot not Support - TVRX2

Please note that USRP devices with two daughterboard slots cannot simultaneously support two TVRX2 daughterboards. If you use a TVRX2 with a USRP1 or USRP X300/X310, you can only use one slot.

USRP Device	ADC	DAC	WBX, SBX, CBX, DBSRX2, TVRX2, BasicRX/TX, LFRX/TX	WBX-120, SBX-120, CBX-120
USRP X300/X310	14-bit, 200 MS/s	16-bit, 800 MS/s	Error creating thumbnail: File missing	Error creating thumbnail: File missing
USRP1	12-bit, 64 MS/s	14-bit, 128 MS/s	Error creating thumbnail: File missing	
USRP B100	12-bit, 64 MS/s	14-bit, 128 MS/s	Error creating thumbnail: File missing	
USRP B200/B210 (Integrated RF)	12-bit, 61.44 MS/s	12-bit, 61.44 MS/s		
USRP N200/N210	14-bit, 100 MS/s	16-bit, 400 MS/s	Error creating thumbnail: File missing	
USRP E100/110	12-bit, 64 MS/s	14-bit, 128 MS/s	Error creating thumbnail: File missing	

- Checkmark denotes compatibly