CHOOSE THE RIGHT CONFIGURATION

Recommended module combinations for your application

Application / System	PXIe-format module					Not PXIe-format	Additional
	Q210 Sequencer	Q220 RF Generator	DAC Q221	Q205 Tapered Amplifier Driver	Q42x Time Tagger	ADxxx Photon Counter	*Q510 PXIe Extender*
Complete Quantum Optics Platform	+	—	±	—	+	+	—
QKD System	—	—	—	—	+	+	—
TCSPC (Time-Correlated Single Photon Counting)	+	—	—	—	+	+	—
Acousto-Optic Control Platform	+	+	+	±	+	+	—
Neutral Atom / Trapped Ion (AMO) Quantum Computing Controller	+	+	+	+	±	±	—
Optical Communications Testbed	±	±	±	±	+	+	—
SDR / Radar / EW Platform	+	+	±	—	—	—	—
Scalable PXIe Quantum Control Rack	±	±	±	±	±	±	±

+ Required / Often required ± Optional — Not needed

