

**a**

z-gates		x(y)-gates			2-qubit $\sqrt{i}$ SWAP gates			Photonic link
$\tau_\pi$	Error	$\tau_{\pi/2}$	Power	Error	Distance	$\tau_{\sqrt{i}\text{SWAP}}$	Error	Coupling
70 ns	$10^{-4}$	30 ns	$< 1$ pW	$10^{-3}$	100 - 500 nm	40 ns	$10^{-2} - 10^{-3}$	$g_E^{\text{ff}} = 3$ MHz

