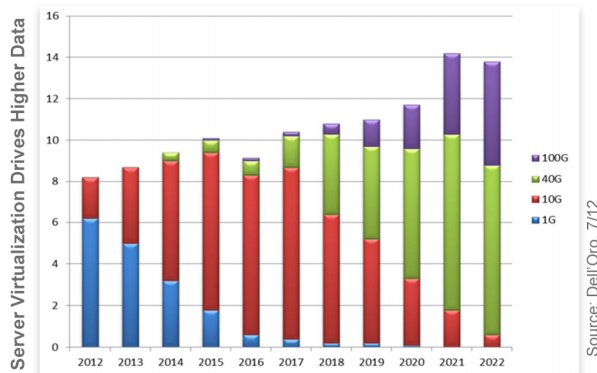


## 40G: The Cost Effective Solution



### Relative Cost Comparison:

Distance	< 2km (SR)	2km (WDM / PLR4)	10km (LR)	40km (ER)
QSFP+ (40GbE)	(A)	(B)	(C)	(D)
QSFP28 (100GbE)	3 x (A)	2 x (B)	3 x (C)	4.5 x (D)

40G is 45-80% less expensive than 100G

## Hula Networks 40G Headlines

**Server virtualization at 40G will drive growth** of QSFP+ and MPO cables, QSFP+-QSFP+(AOC/DAC) and QSFP+ breakouts.

**AOCs offers a myriad of advantages** for short range applications over the traditional two optic and one fiber cable setup. Max flexibility, lower cost, and lower power.

**Hula Networks has compatible, OEM equivalent solution** for Cisco, Arista, Juniper, Brocade, Extreme, Calix, Dell, Intel and other major OEM brands.

**Hula Networks provides volume discounts** for QSFP+-SR4 modules, and QSFP+ breakout solutions for switch-to-server connections.

**DAC is the most cost-effective solution** for connecting switch-to-switch, or switch-to-server with the lowest power consumption.

**Hula Networks stocks every distance** for QSFP+ (40G) to meet same day shipments.

## Available Products for Data Center and Telecom Applications

	SR4	PLR4	LR4	ER4
Connector Type	MPO	MPO	Duplex LC	Duplex LC
Fiber Type	MMF	SMF	SMF	SMF
Reach	150m	2km	10km	40km
Watts	1.5W	3.5W	3.5W	3.5W
Wavelength	850nm	1310nm	1310nm	1310nm
Application	Intra-rack	Rack-to-Rack	DCI	DCI / Access

Volume discounts available upon request



QSFP+-ER4



40G DAC BREAKOUT



QSFP+-SR4