InfiniBand Performance Roadmap

Per 1x Lane Bandwidth (Gb/s)

DDR	QDR	FDR	EDR
5Gb/s	10Gb/s	14Gb/s	26Gb/s

Efficient 64/66 encoding

BANDWIDTH PER DIRECTION (Gb/s)

12x

60G-IB-DDR
120G-IB-QDR
312G-IB-EDR
168G-IB-FDR
HDR
NDR

8x

40G-IB-DDR
80G-IB-QDR
208G-IB-EDR
112G-IB-FDR
HDR
NDR

4x

20G-IB-DDR
40G-IB-QDR
104G-IB-EDR
56G-IB-FDR
HDR
NDR

1x

10G-IB-QDR
26G-IB-EDR
14G-IB-FDR
HDR
NDR

MARKET DEMAND

2005 2006 2007 2008 2009 2010 2011 2014