

TABLE C PEAK-BANDWIDTH CAPABILITIES OF VARIOUS SYSTEM-EXTERNAL-INTERFACE OPTIONS

Bus	Peak bandwidth (post-8B/10B decoding and assuming full-duplex operation for PCI Express)
PCI (32 bits, 33 MHz)	1.066 Gbps (133 Mbytes/sec)
PCI (64 bits, 33 MHz)	2.133 Gbps (266 Mbytes/sec)
PCI (32 bits, 66 MHz)	2.133 Gbps (266 Mbytes/sec)
PCI (64 bits, 66 MHz)	4.266 Gbps (533 Mbytes/sec)
PCI-X (64 bits, 100 MHz)	6.4 Gbps (800 Mbytes/sec)
PCI-X (64 bits, 133 MHz)	8.533 Gbps (1.066 Gbytes/sec)
One-lane PCI Express Version 1	4 Gbps (500 Mbytes/sec)
Four-lane PCI Express Version 1	16 Gbps (2 Gbytes/sec)
Eight-lane PCI Express Version 1	32 Gbps (4 Gbytes/sec)
16-lane PCI Express Version 1	64 Gbps (8 Gbytes/sec)
One-lane PCI Express Version 2	8 Gbps (1 Gbyte/sec)
Four-lane PCI Express Version 2	32 Gbps (4 Gbytes/sec)
Eight-lane PCI Express Version 2	64 Gbps (8 Gbytes/sec)
16-lane PCI Express Version 2	128 Gbps (16 Gbytes/sec)