PCI cards can have data rates of 133 MBps (32-bit, 33 MHz) or 533 MBps (64-bit, 66 MHz). PCI-X cards offer higher speeds, with maximum transfer rates of 1.06 GB/s, achieved at 133 MHz and 64-bit.

Here's a more detailed breakdown:

PCI (Peripheral Component Interconnect):

* PCI cards come in 32-bit and 64-bit versions.
* They can operate at 33 MHz or 66 MHz.
* With 32-bit, 33 MHz, the throughput is 133 MBps.
* With 64-bit, 66 MHz, the throughput is 533 MBps.
* Data rates are parallel transmission.

PCI-X (PCI eXtended):

* PCI-X cards use a 64-bit, 66 MHz or 133 MHz interface.
* The maximum theoretical data rate is 1.06 GB/s.
* PCI-X improves fault tolerance and allows faulty cards to be reinitialized.
* Data rates are parallel transmission.