

Connection	Clock Rate	Width	Throughput†
USB 1.0	33 MHz	32 bits	1.5 MB/s
FCC broadband	–	–	3.1 MB/s
AGP	100–200 MHz	64–128 bits	2.0 GB/s
USB 3.0	up to 500 MHz	32 bits	5.0 GB/s
Memory	200–800 MHz	64–128 bits	6.4 GB/s
PCI 3.0	33 MHz	32 bits	126.0 GB/s
Registers	1000–2000 MHz	64–128 bits	672.0 GB/s

**Figure 22.4** Example clock rates, data widths, and throughput for connections in the architecture that Figure 22.3 illustrates.