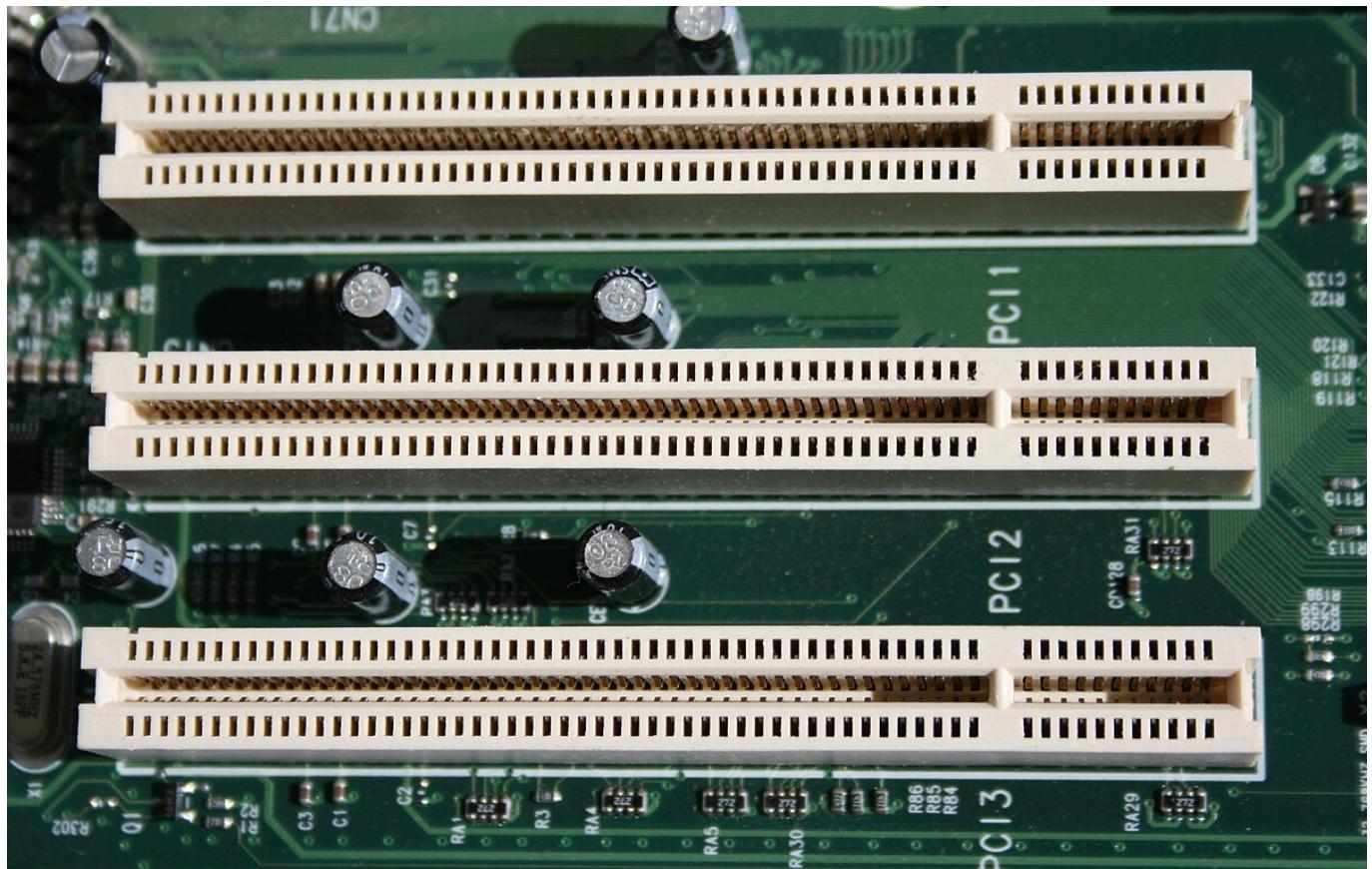


Here, PCI stands for Peripheral Component Interconnect.

The PCI bus was developed by Intel and became widespread around 1994. It was used to add expansion cards such as extra serial or USB ports, network interfaces, sound cards, modems, disk controllers, or video cards.

Many devices that formerly required an expansion card can now be connected via USB 2.0 or 3.0.

Instead, more standard ports such as Ethernet and SATA are now integrated into the motherboard.



PCI Slots | Reference: https://en.wikipedia.org/wiki/File:PCI_Slots_Digon3.JPG

Some PCI command codes:

- 0000: Interrupt Acknowledge
- 0001: Special Cycle
- 0010: I/O Read
- 0011: I/O Write
- 0110: Memory Read
- 0111: Memory Write
- 1010: Configuration Read
- 1011: Configuration Write

PCI bus bridge

Bus bridges are permitted by the PCI specification to connect multiple independent PCI buses.

Bus bridges will forward operations on one bus to another when required.