

Computer Motherboard Card/Slot Types

ISA = Industry Standard Architecture

Type	Bus Width	Clock Speed	Voltage	Features
ISA 8bit	8 Bits	477 MHz	+5V, -5V, +12V, -12V	
ISA 16bit	16 Bits	833 MHz	+5V, -5V, +12V, -12V	
EISA	32 Bits	833 MHz	+5V, -5V, +12V, -12V	



PCI = Peripheral Component Interconnect

Type	Bus Width	Clock Speed	Voltage	Features	Bandwidth
PCI	32 Bits	33.33 MHz	3.3V, 5V		133 MB/s
PCI-X 66	64 Bits	66 MHz	3.3V	Hot Plugging	533 MB/s
PCI-X 133	64 Bits	133 MHz	3.3V	Hot Plugging	1.06 GB/s
PCI-X 266	64 Bits	133 MHz Double Data Rate	3.3V, 1.5V	Hot Plugging, ECC support	2.13 GB/s
PCI-X 533	64 Bits	133 MHz Quad Data Rate	3.3V, 1.5V	Hot Plugging, ECC support	4.26 GB/s
PCI Express x1		100 MHz			250 MB/s
PCI Express x2		100 MHz			500 MB/s
PCI Express x4		100 MHz			1 GB/s
PCI Express x8		100 MHz			2 GB/s
PCI Express x16		100 MHz			4 GB/s



AGP = Accelerated Graphics Port

Type	Voltage	Bandwidth
AGP 1X	3.3V	256 MB/s
AGP 2X	3.3V	533 MB/s
AGP 4X	1.5V	1066 MB/s
AGP 8X	1.5V	2133 MB/s

