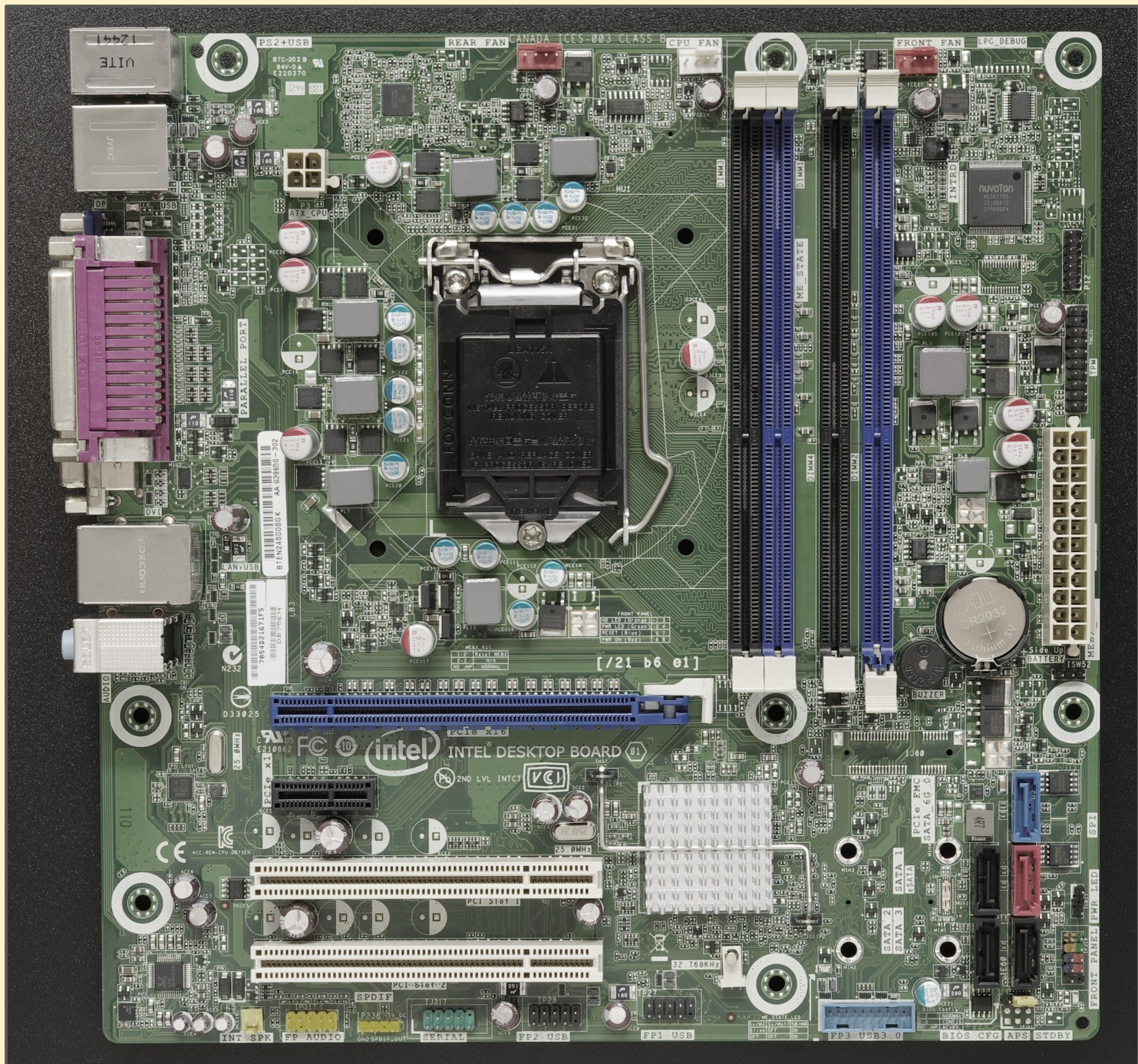
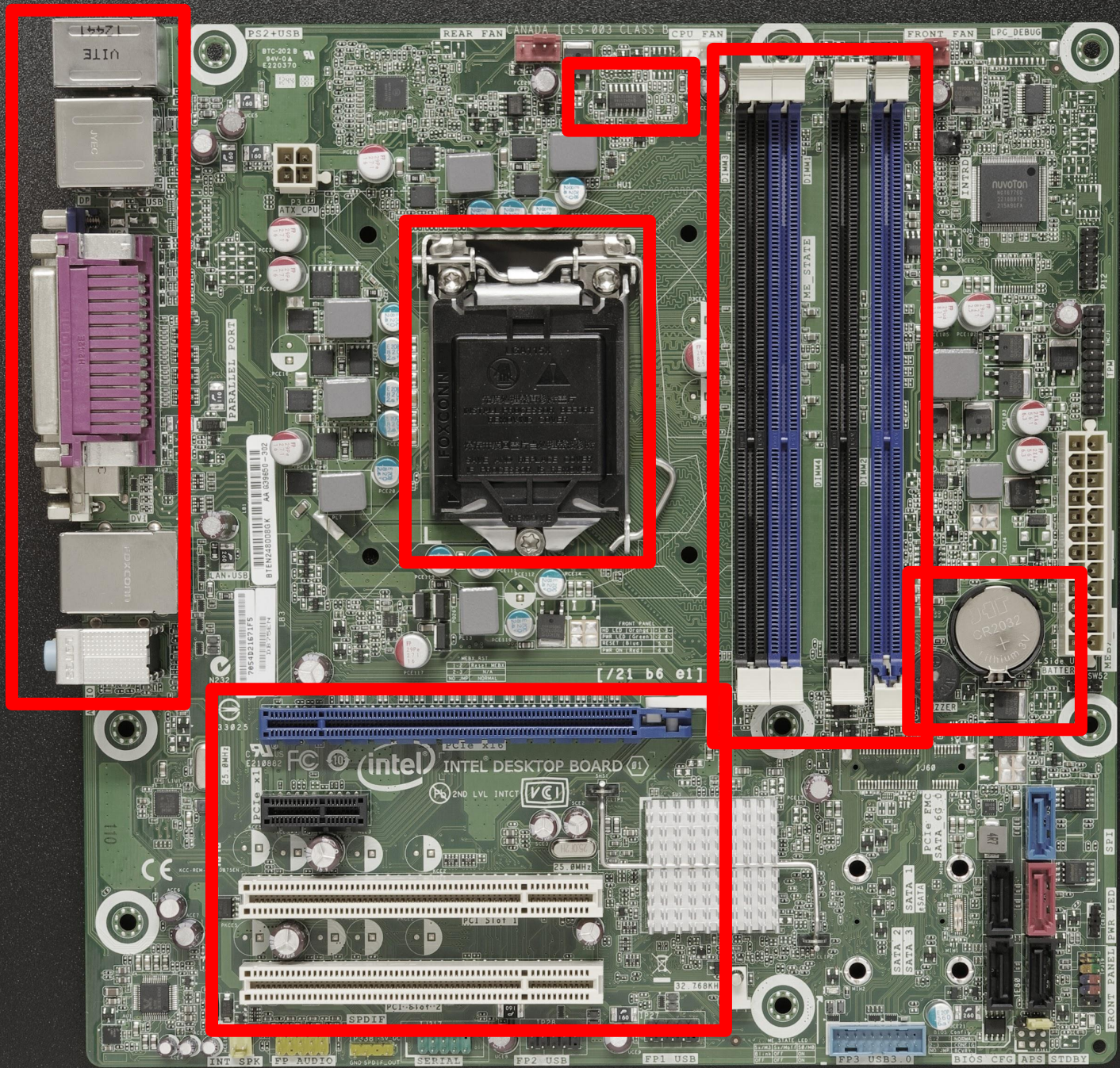


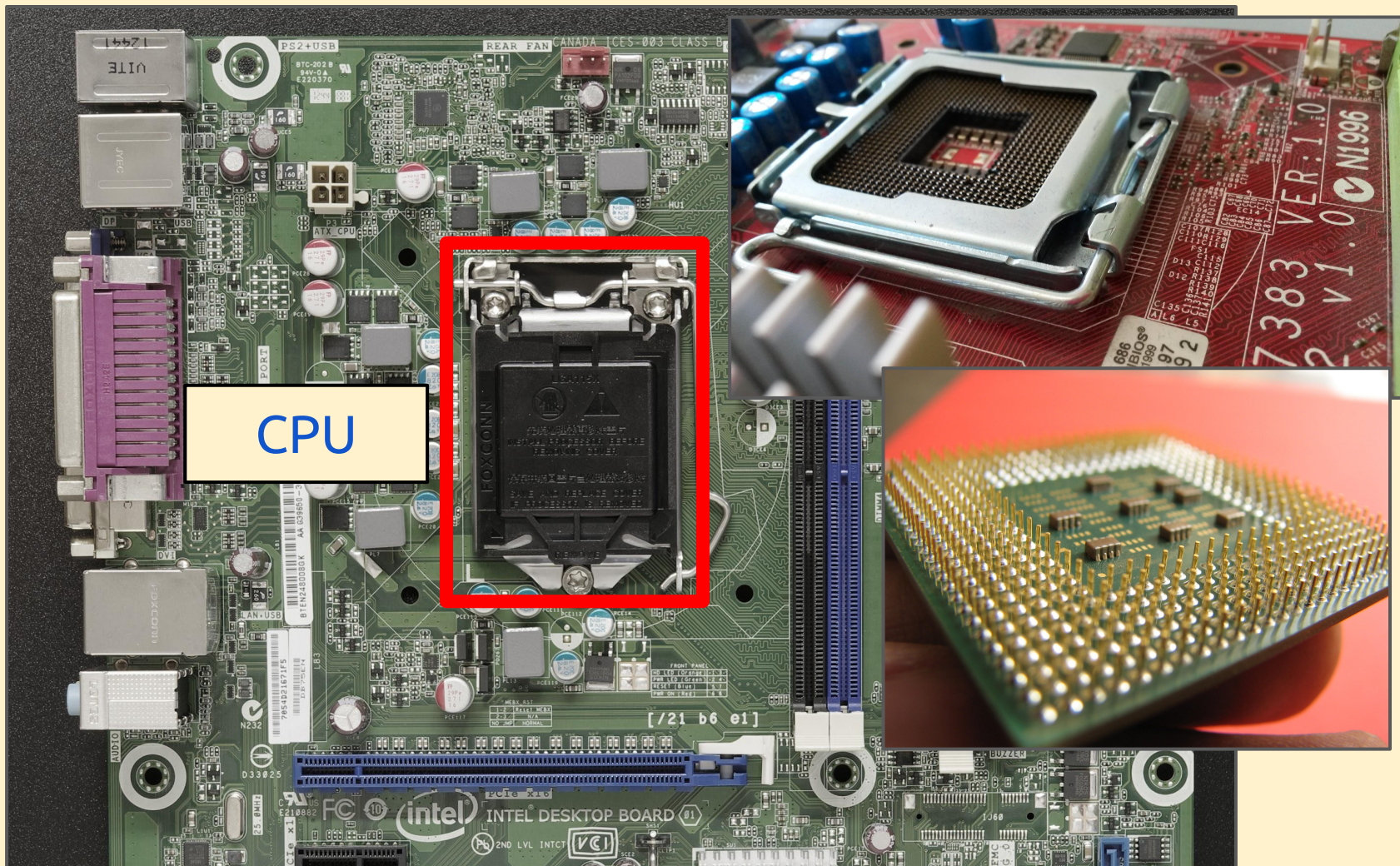
Computer Systems

The key components of a computer system are connected to the **motherboard**

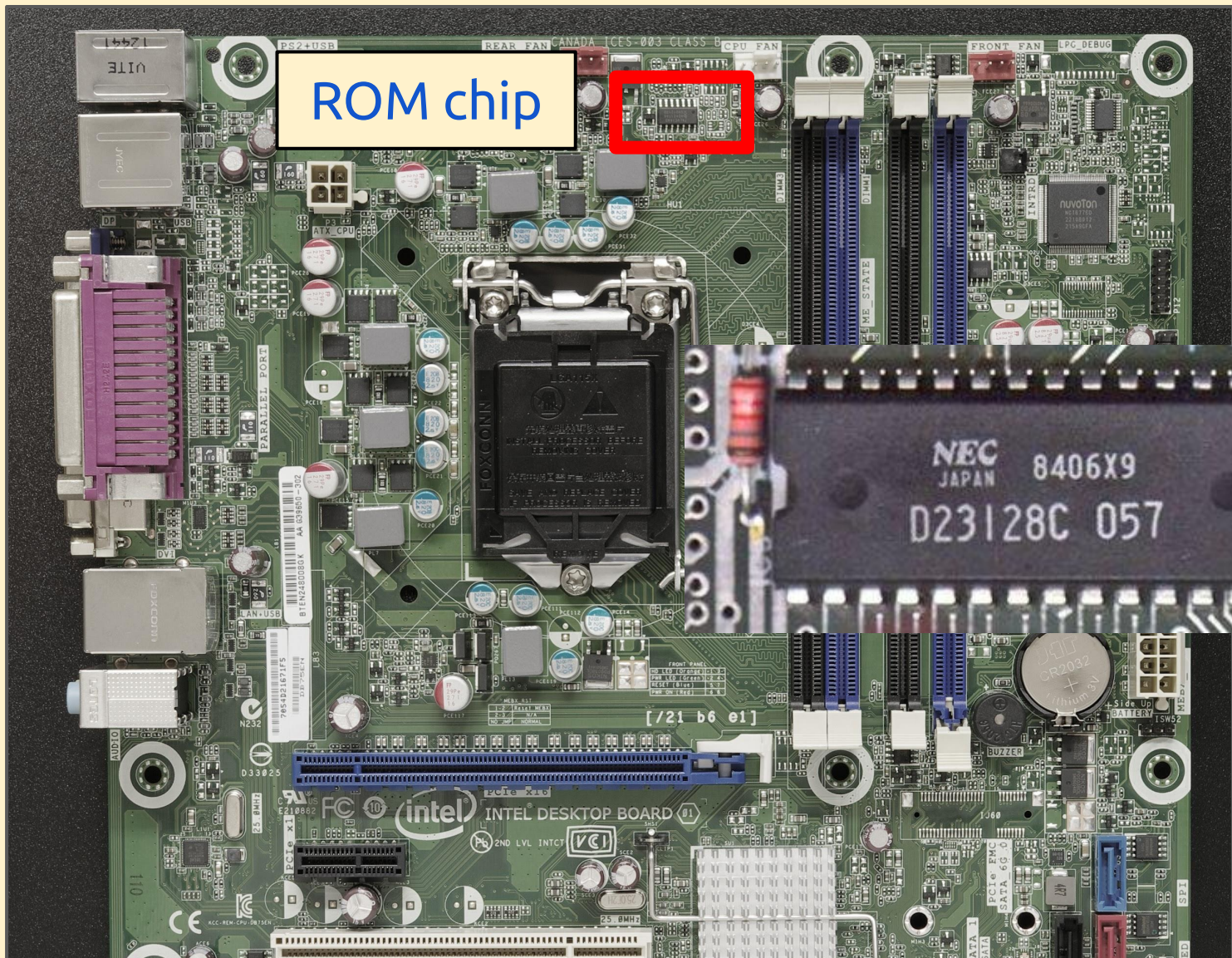
Motherboard: the main printed circuit board of a computer system. Contains the CPU, memory, connections for peripherals etc...





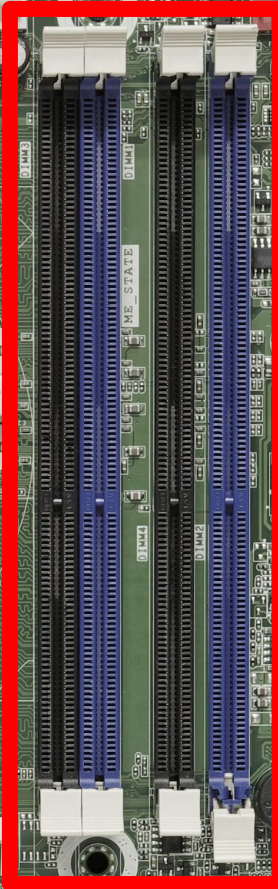


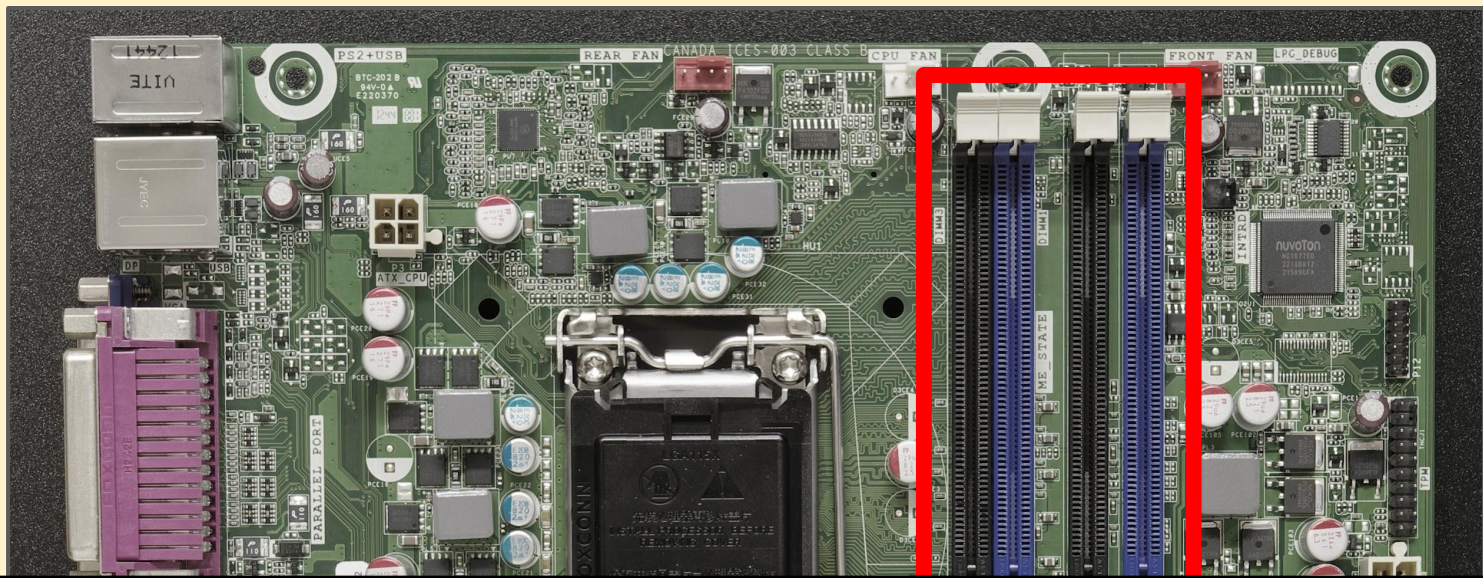
CPU - Central Processing Unit: the component of a computer system where data processing takes place



ROM - Read Only Memory: data that can't be changed easily. Often used for boot processes

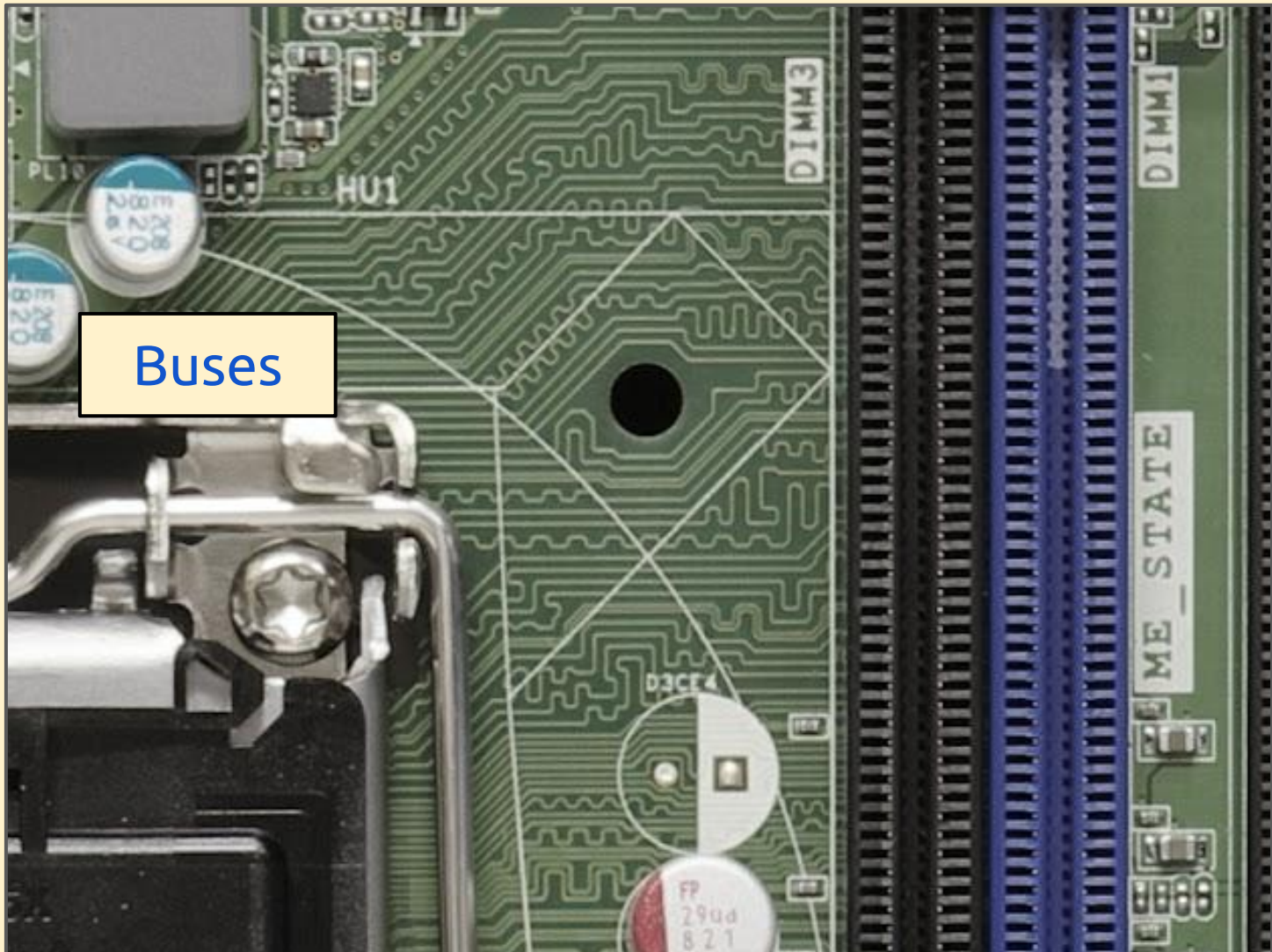
DIMM slots
Dual In-line Memory Module
Hold RAM





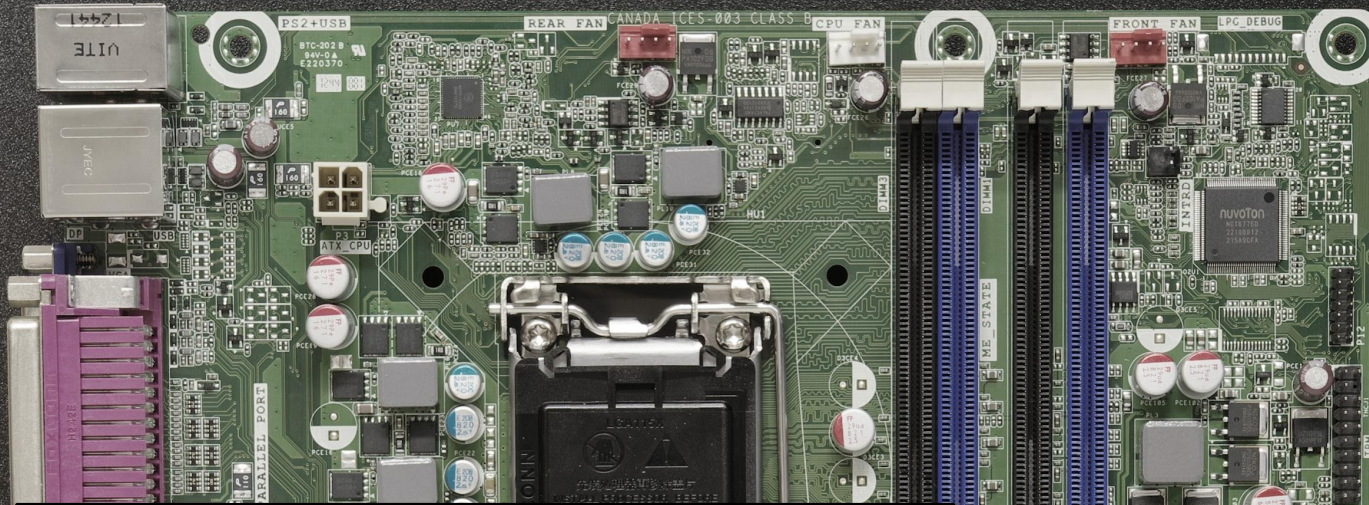
RAM - Random Access Memory: memory that can be used for any task, including programs and data



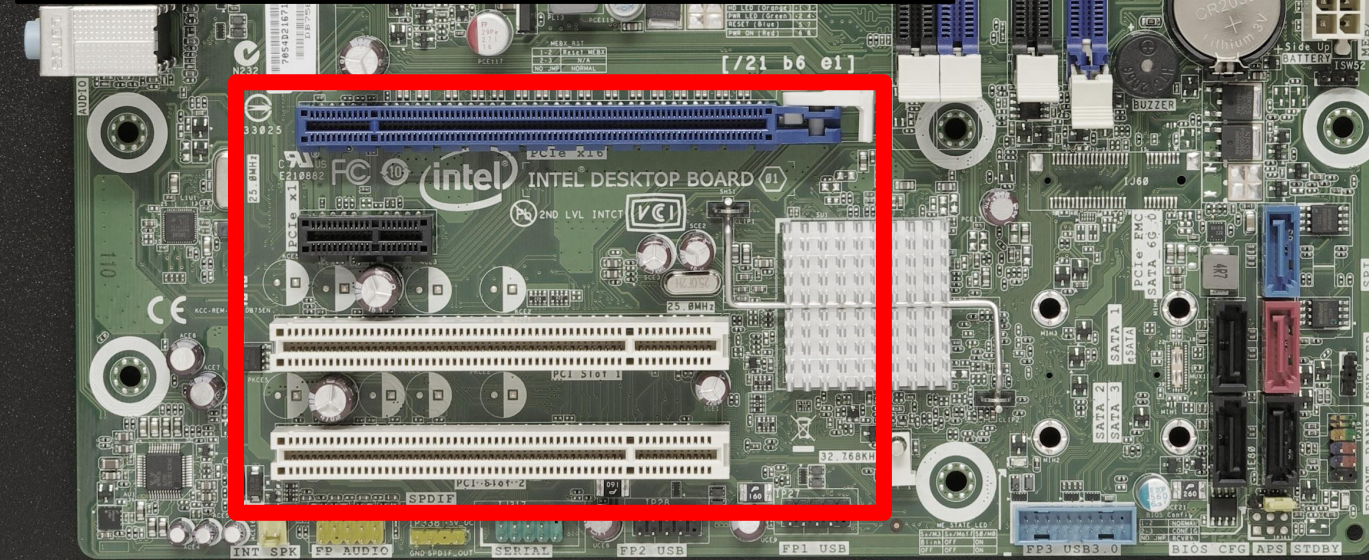


Buses

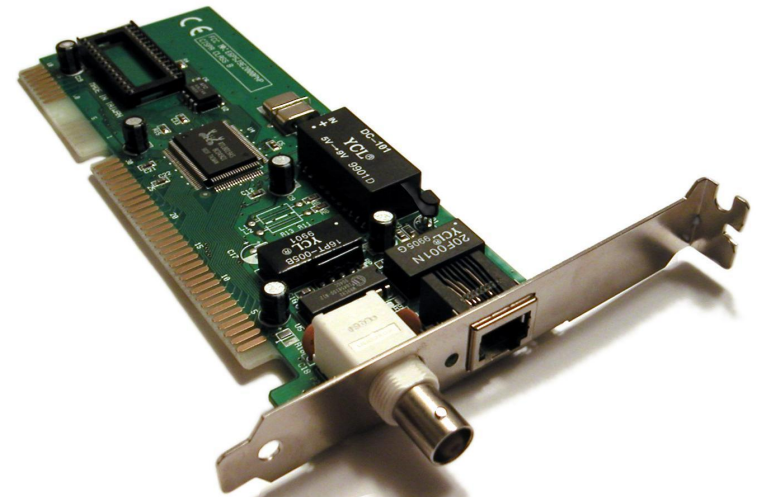
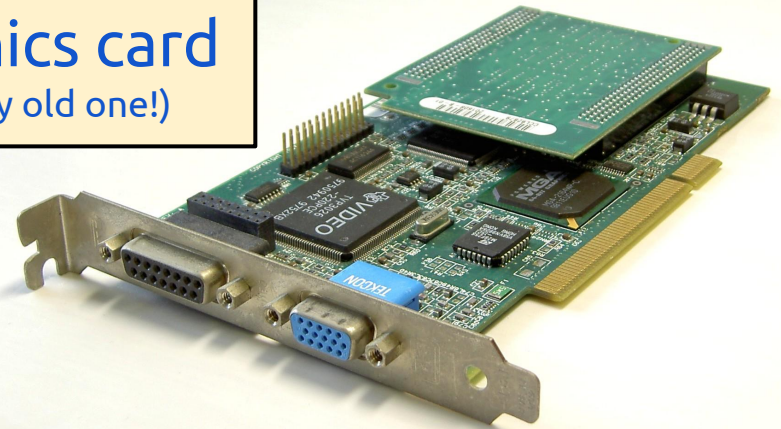
The **Bus** is the wires which connect the components



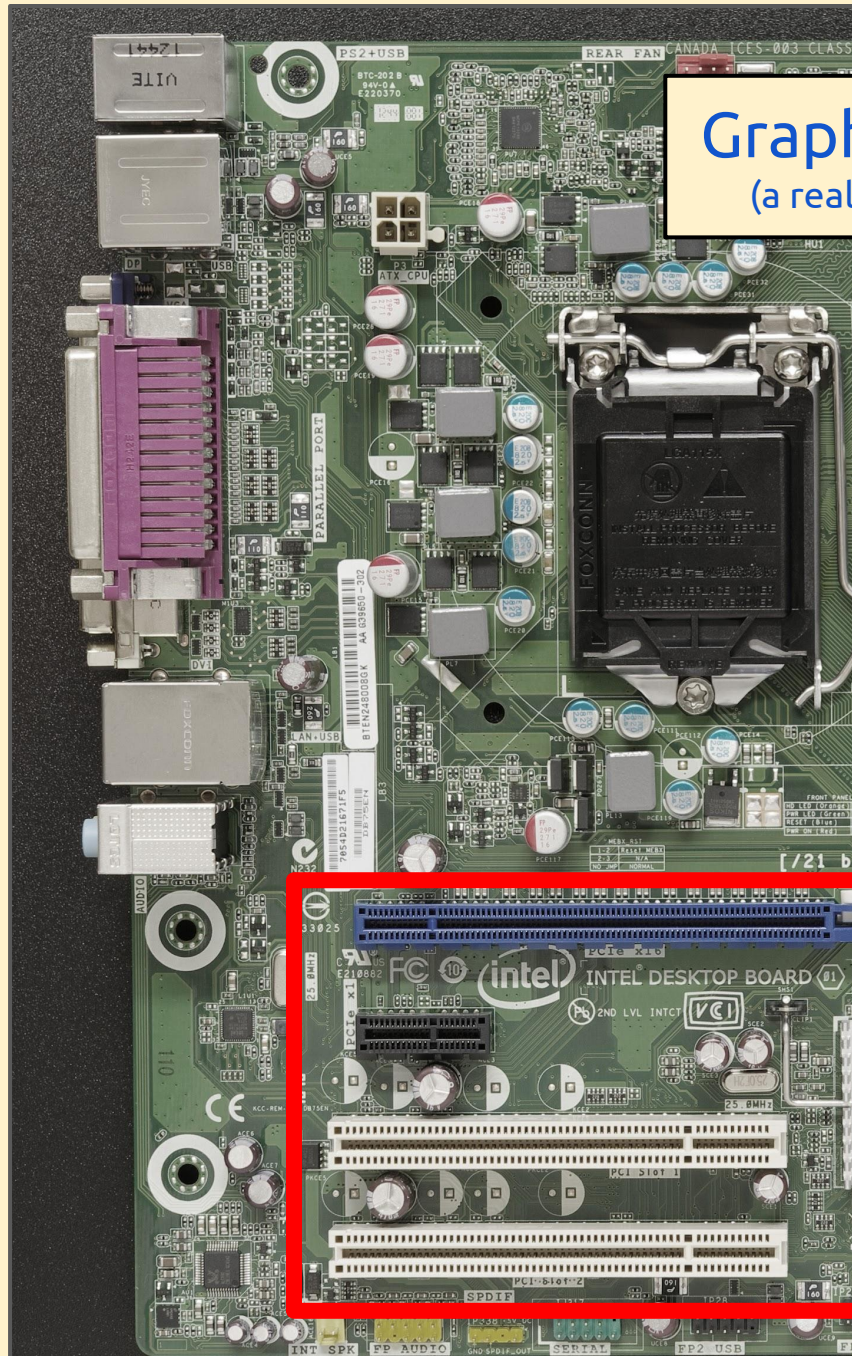
PCI slots
Peripheral Component Interconnect
Connect graphics cards, Network Interface
Controllers, hard drives etc...

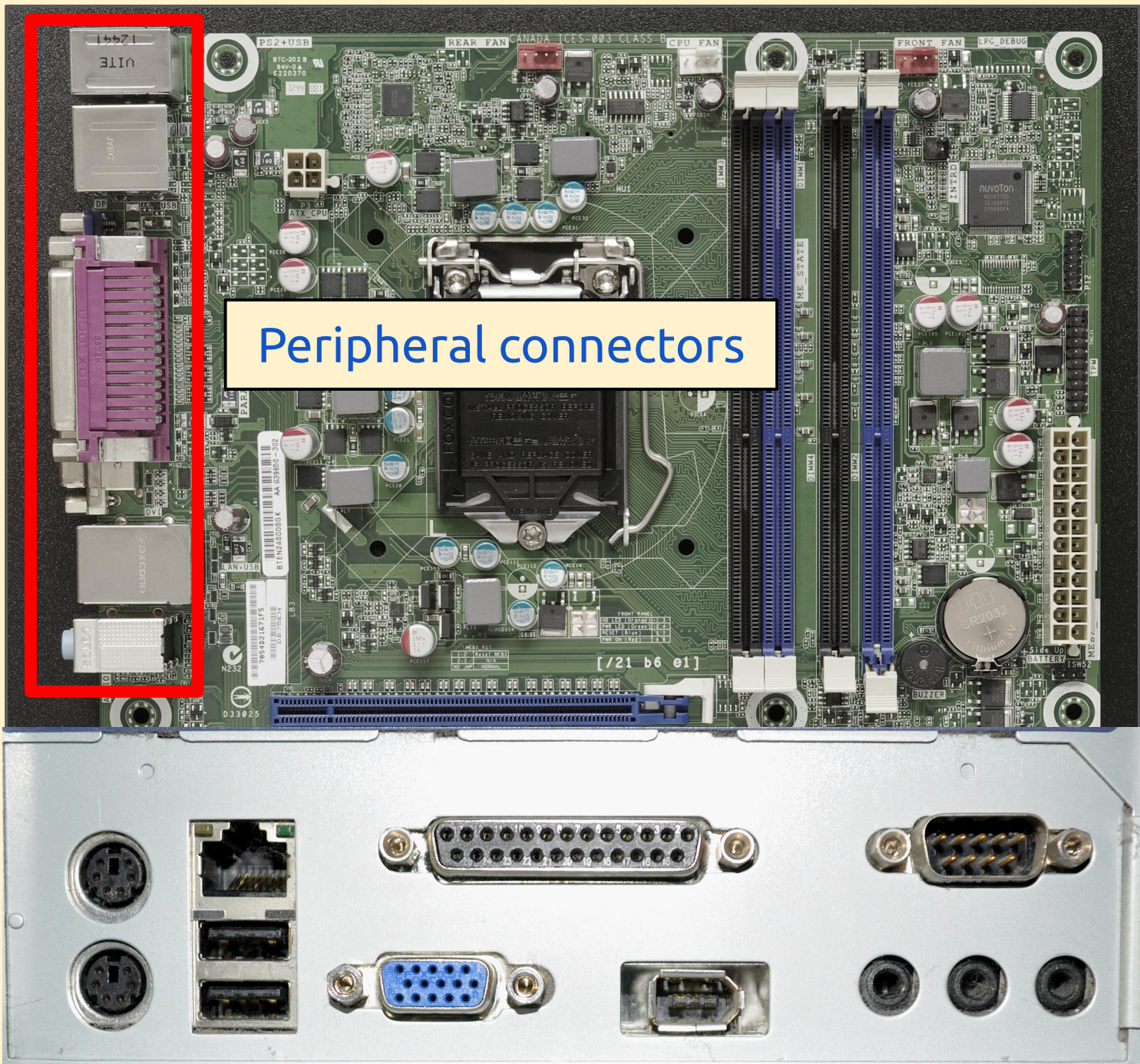


Graphics card
(a really old one!)

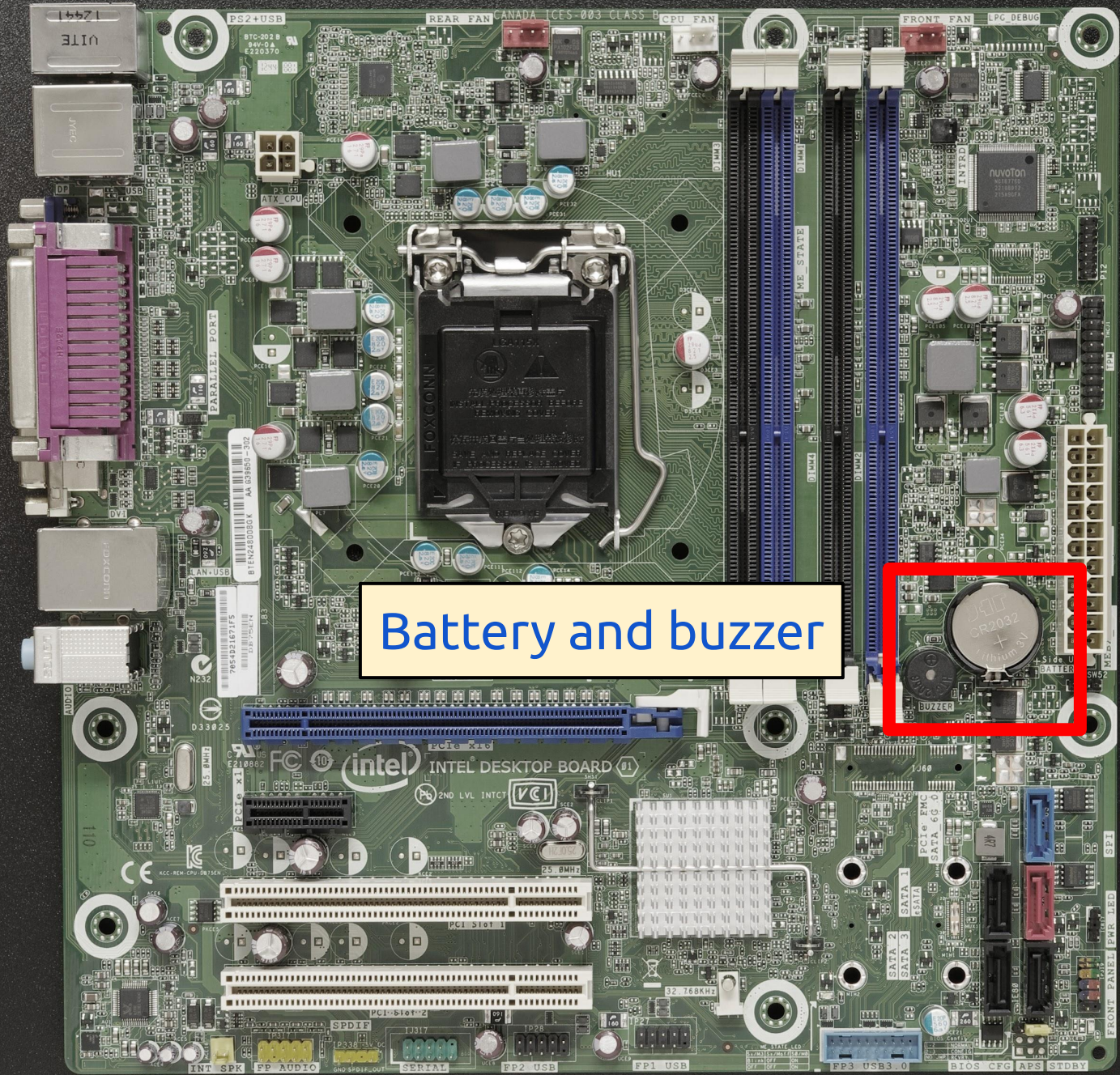


Network card





Peripheral connectors



Battery and buzzer

