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Q. What is north bridge and south bridge? and difference between NB and SB.

→ 1) North bridge -

1) North bridge is one of the two chips located in the direction towards north in mother board.

2) The main function of north bridge is to manage communications between the central processing unit and parts of motherboard.

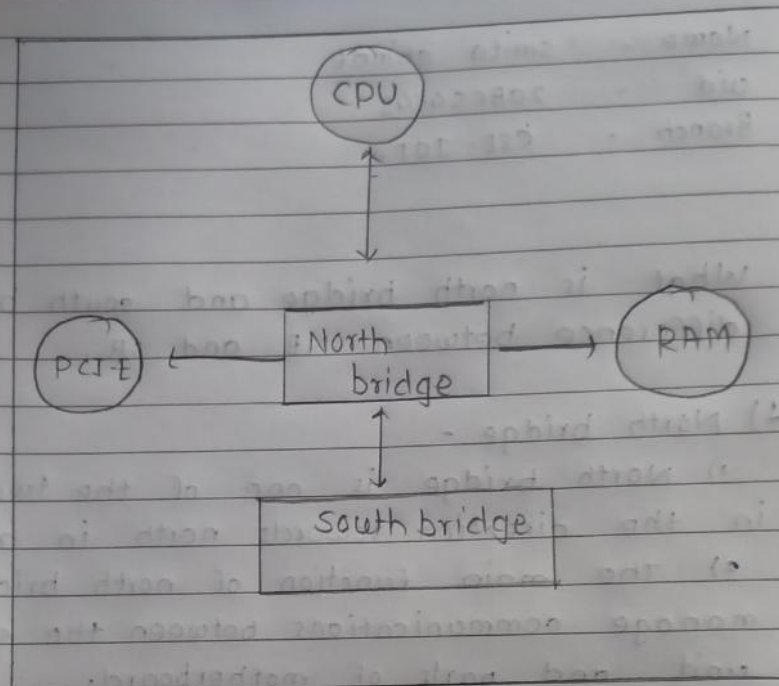
3) other names of north bridge are host bridge and memory controller Hub (MCH).

2) South bridge -

1) south bridge is another chip of logical chipset architecture. it is located on the south of peripheral component interconnected (PCI) in motherboard.

2) The main function of south bridge is to control the IO functions. The north bridge is the medium that connects south bridge and central processing unit.

3) IO controller Hub is the other name given to south bridge for functionality.



North bridge	South bridge
1) North-bridge is located towards the north motherboard site.	1) South bridge is located towards south of pci bus of motherboard.
2) North bridge is directly connected to the cpu.	2) South bridge is connected via north-bridge to the cpu.
3) It manages the communications between the cpu and other ports.	3) It manages the input and output functions.

4) The north bridge is placed near to processor for easy access.

4) The south bridge is placed near pci.

5) North bridge communicates faster

5) South bridge communicates slower

6) other names of north bridge include host bridge and memory controller hub.

6) IO controller Hub is the other name for south bridge.

7) The north bridge is hub for memory control

7) south bridge is hub for input and output functioning.

8) North bridge looks bigger

8) south bridge looks smaller.

9) RAM, AGP connected components to north bridge.

9) PCI and USB components are connected to south bridge.