

8085	8086
1. 8-bit processor with 8-bit ALU and 8-bit data bus.	16-bit processor with 16-bit ALU and 16-bit Data Bus.
2. Memory banking not needed.	Memory is divided into two banks.
3. 16-bit address bus.	20-bit Address Bus.
4. Accesses 64KB Memory	Accesses 1MB Memory.
5. Segmentation not performed.	Segmentation is performed.
6. Has 5 status flag	Has 6 status flag and 3 control flag.
7. Pipelining is not performed.	2 stage pipelining is performed.
8. Has 5 hardware interrupts.	Has 2 hardware interrupt.
9. Does not support multiprocessing.	support multiprocessing in Max Mode.
10. ALU cannot perform powerful arithmetic like MUL and DIV.	ALU can perform powerful arithmetic like MUL and DIV.