Intel 80x86

1.Intel 80x86 is CISC.

2.It has 14 registers: AX,BX,CX,DX,SI,DI,SP,BP,IP,CS,SS,DS,ES,PSW.

AX,BX,CX,DX are general purpose.

3.16bits

4. mov ax,0036H

    mov bx,0042H

    add ax,bx

Reference:

1. Shuang Wang.   Assembly Language(the 2th Version) ,p26-p30. (Tsinghua University Press: Beijing, China).   2008.4