

## Conditional Jump instruction for the unsigned numbers:

Conditional Jump instruction	Description	Flag condition
JE, JZ	Jump if equal (zero)	ZF = 1
JNE, JNZ	Jump if not equal (not zero)	ZF = 0
JA, JNBE	Jump if above (not below or equal)	CF=0 and ZF=0
JB, JNAE, JC	Jump if below (not above or equal/carry)	CF=1
JAE, JNB, JNC	Jump if above or equal (not below/not carry)	CF=0
JBE, JNA	Jump if below or equal (not above)	CF=1 or ZF=1
JPE, JP	Jump if parity even	PF=1
JPO, JNP	Jump if parity odd (no parity)	PF=0

## Conditional Jump instruction for the signed numbers:

Conditional Jump instruction	Description	Flag condition
JE, JZ	Jump if equal (zero)	ZF = 1
JNE, JNZ	Jump if not equal (not zero)	ZF = 0
JG, JNLE	Jump if greater (not less or equal)	SF=OF and ZF=0
JL, JNGE	Jump if less (not greater or equal)	SF≠OF
JGE, JNL	Jump if greater or equal (not less)	SF=OF
JLE, JNG	Jump if less or equal (not greater)	SF≠OF or ZF=1
JPE, JP	Jump if parity even	PF=1

Conditional Jump instruction	Description	Flag condition
JPO, JNP	Jump if parity odd (no parity)	PF=0
JO	Jump if overflow	OF=1
JNO	Jump if not overflow	OF=0
JS	Jump if sign	SF=1
JNS	Jump if not sign	SF=0