	PC	Omega	Big O Runtime
	PC	**Omega**	**Big O Runtime**
n	Insertion Sort	Insertion Sort	Insertion Sort
1,024	840	0	1048576
10,000	61183	70000	100000000
50,000	1522269	1830000	2500000000
100,000	6051552	7300000	10000000000
500,000	153806264	182960000	2.5E+11
1,000,000	619091910	733800000	1E+12
2,000,000	2583041964	2932540000	4E+12

Where:

n = Number of random values in Hundreds-thousands

Dark shaded font are the number ticks for every **n**

PC Computer = 1000000 CLOCKS_PER_SEC

Omega Server = 1000000 CLOCKS_PER_SEC

Formula:
Duration of 1 tick (in seconds)= 1 / CLOCK_PER_SEC

Therefore:
1 tick = 1µs(microsecond)

Big O Runtime for Insertion Sort

Insertion Sort - **Omega**

Insertion Sort - **PC**