

DIFFERENCE BETWEEN ANALOG AND DIGITAL COMPUTERS

| <i>Analog Computers</i> | <i>Digital Computers</i> |
|---|---|
| Analog Computers Work on continuous values. | Digital computers Work on discrete values. |
| Analog Computers have low memory. | Digital computers have more memory |
| Analog computers are less reliable. | Digital computers are more reliable. |
| Analog computers are used in engineering, science and medical fields. | Digital computers are used in all fields of life. |
| Analog computers are used to calculate / measure analog quantities such as speed and temperature. | Digital computers are used to calculate mathematical and logical operations such as addition, subtraction, division, multiplication and other statistical operations. |
| Analog computers provide less accurate results. | Digital computers provide 100% accurate results. |
| Normally Analog Computers are specific purpose | Digital Computers are general purpose |
| Analog computers are difficult to operate | Digital computers are simple in term of operation |
| Examples of Analog computers are: thermometer, analog clock, speedometer etc. | Examples of digital computers are: Personal Computer, laptops, smart phones etc. |