

SIRE507 Fundamental Computer Science for Biologist

Resources for self-study in “Basic Computer Hardware”

Video resources

Basic computer component

ENGLISH: <https://youtu.be/yRmPTbGBqVI>

THAI: <https://youtu.be/dw3neqAIfm0>

How computer work? [VDO from CODE.ORG]

- Hardware and Software

<https://youtu.be/xnyFYiK2rSY>

- CPU, Memory, Input and Output

<https://youtu.be/DKGZlaPIVLV>

Please study to familiarize the following computer components:

- | | |
|-------------------|------------------|
| 1. Case | 2. RAM |
| 3. CD-Rom | 4. Rom |
| 5. CPU | 6. Router |
| 7. DVI-Port | 8. Scanner |
| 9. Hard Disk | 10. Sound Card |
| 11. HDMI-Port | 12. Speaker |
| 13. Hub | 14. Switch |
| 15. LAN-Port | 16. USB 2.0-Port |
| 17. Laser printer | 18. USB 3.0-Port |

19. Main board

21. Monitor

23. Power Supply

25. Printer

27. PS2-Port

20. USB C-Port

22. VGA-Card

24. VGA-Port

26. Web cam

28. Wireless Card