

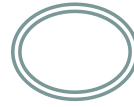
How set up the hardware a PC



ANTONINO CRIMI – IVA GEORGIEVA – GIANLUCA PORCARELLI



Learning outcomes



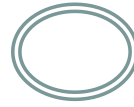
- A document in which every students describe the process of assembly:
 - A video
 - A presentation using PowerPoint or Prezi
- A glossary with the names, verbs and adjective that they use during the process
- An assembled PC

Orientation



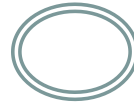
- How can You can build your own computer-game?
- Why building your next computer instead of buying one pre-built?
- How can you Repair Your computer when it doesn't work?

Content language for the model



- Motherboard
- Power supply
- Random Access Memory
- Slot
- Assembly
- Safety precaution
- Power up
- Read only memory
- RAID

Model

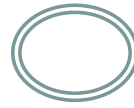


1. **Choosing the part**
 - Essential part: power supply, motherboard, processor, RAM, storage
2. **Assembly**
 - Tools and equipment
 - Safety precaution
3. **Construction and Connection**
 - CPU, memore, slot, power supply
4. **Power up**

Tasks for learners

- **Assembly a server**
 - There are more than one Hard Drive
 - Could be more than one CPU
 - You could configure RAID option
- **A μ ATX PC**
 - There are solid hard disk
 - It doesn't have Graphic Card
 - It has a special power supply

TASK SUPPORT



- **ABOUT COMPUTER CONFIGURATION**

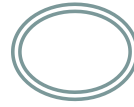
<https://www.youtube.com/watch?v=obUghCx9iso>

<http://www.wikihow.com/Build-a-Computer>

<https://www.youtube.com/watch?v=9HGQuuCd4nc>

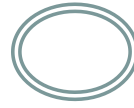
<https://www.youtube.com/watch?v=io7Hnmg-HUc>

Content language for the tasks



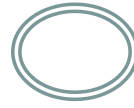
- Troubleshooting
- Central Processing Unit
- Motherboard
- Power supply
- Cooler
- Random Access Memory
- Slot
- Connector
- Solid disk
- Drive
- Optical drive
- jumper
- Power supply
- Sata/ata cable
- Serial
- Read only memory
- Plug in
- Graphic card
- To building computer
- Description
- Static protection
- To installing
- Overheating
- to check
- Interface header
- Correct polarity

SCAFFOLDING LANGUAGE



- First, Second, Third
- In order to do this, we need to
- If we, then it will...
- In adjusting this, it will...
- Is connected to...
- After that
- Next
- Finally

Assessment criteria



- Safety precautions
- Clarity of presentation
- Effective use of language
- Explanation of content vocabulary
- Task achievement, the Pc go on?