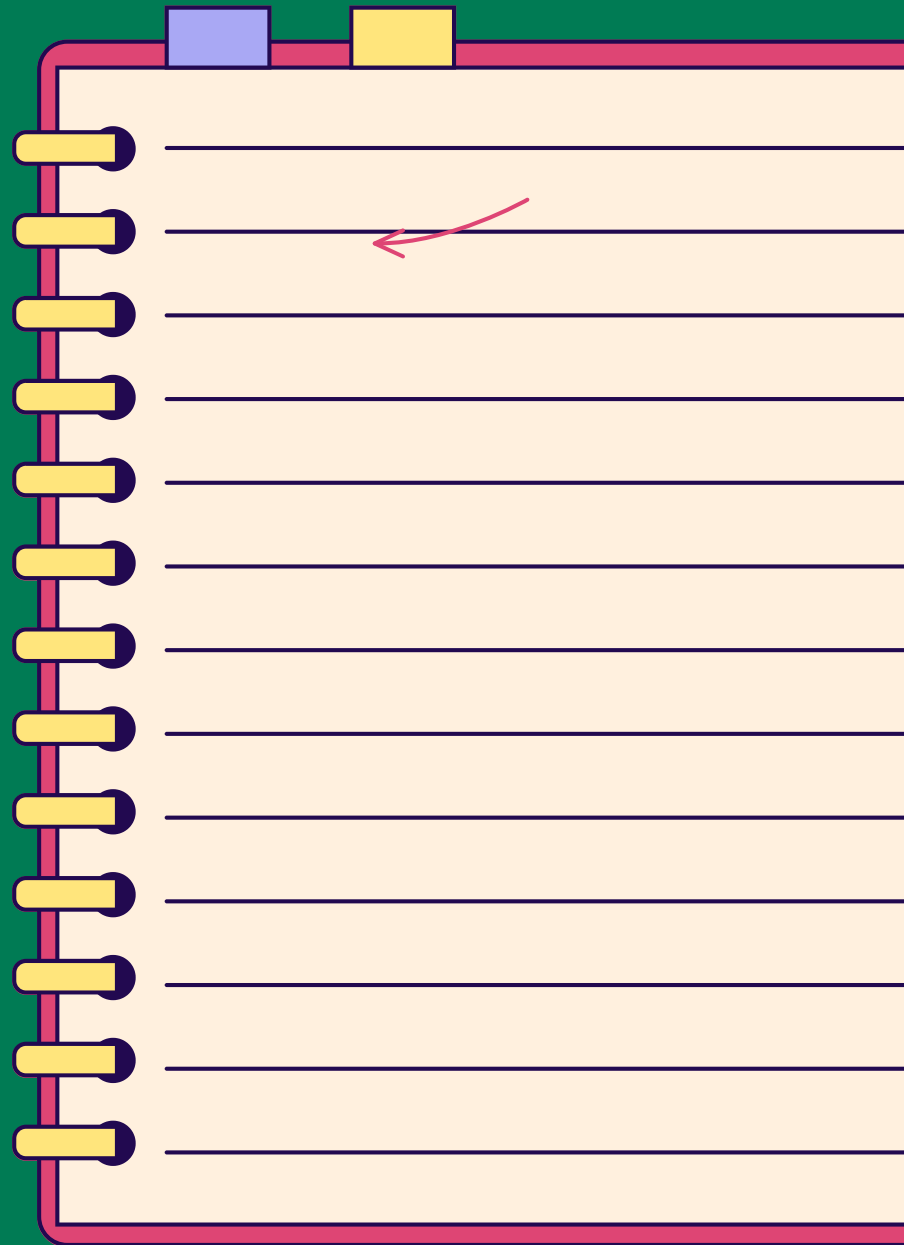


MODULE 1 - CHOOSING YOUR DEVICE
AND PROTECTING IT

CHAPTER 1

HOW TO CHOOSE YOUR DEVICE



INTRODUCTION

Before purchasing a phone, you should know that there are three types of mobile phones:

- **Classic cell phone:** the phone used only for calling or sending text messages.
- **Multimedia cell phone:** the more sophisticated phone that offers a wider choice of uses (camera, music, video, etc.).
- **Smartphone:** a real pocket computer (much more memory, functions, touch screen, etc.).

On the next page, you will find a comparison of the different functions available depending on the type of mobile phone you choose.

1

CHOOSING YOUR PHONE

THE CLASSIC CELL PHONE



For this type of cell phone, there is no camera, apps to download, or even surfing the Internet.

They only have the most basic functions:

- A call directory and an inbox,
- SMS,
- Display of time, ring mode, battery status and network quality.

And that's it! No internet connection or camera possible.

A VERY AFFORDABLE PRICE: BETWEEN 20 AND 100 €

PROS

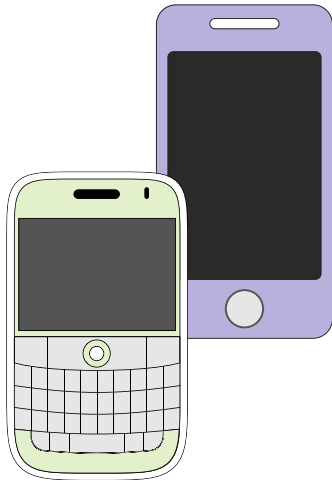
- Very good battery life: the simplified functions of this type of cell phone are less energy-hungry.
- Light: they rarely exceed 100 g.
- Easy to use: the interface is simplified and improved (color screen, increased screen resolution).
- Much less fragile than smartphones and have therefore a longer lifespan.

CONS

- The main con of this type of cell phone is related to its very nature: the functions are limited.
- Don't expect a multi-purpose phone.

1 CHOOSING YOUR PHONE

THE MULTIMEDIA CELL PHONE



The multimedia cell phone is the intermediate device between the smartphone and the classic phone.

The functions of the "multimedia" cell phone are diverse and the prices vary according to them. With technological developments, it is increasingly similar to the smartphone.

Expect to pay between €50 and €350 for a multimedia cell phone purchased alone or with a prepaid card. However, as part of a mobile plan, you can benefit from more advantageous prices and thus obtain a multimedia mobile phone from €1.

Here are some of the features that are usually found in this cell phone:

- Playing and downloading music and videos;
- MMS (basic media sending);
- Camera, video camera, MP3 player and radio;
- Downloading ringtones, logos, games or applications;
- Internet connection, PC connection with memory card to store data;
- And other features like Bluetooth.

PROS

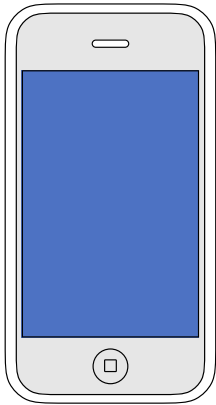
- It's more than just a cell phone, you can:
 - Listen to music and the radio;
 - Take and send photos;
 - Film short videos.
- It allows you to download all types of files, but also to surf the Internet at a speed that will depend on the technology of your mobile phone and the quality of the network where you are.

CONS

- Be sure to find out about the phone's functions before buying, because we are seeing more and more specialization in "multimedia" cell phones:
 - For example, "camera phones" will be excellent for taking pictures, but the additional functions may be less developed.
 - The same goes for "music phones" which will have a huge memory for all your music or a slot for a memory card, but the quality of the photos for example will not be excellent.

1 CHOOSING YOUR PHONE

SMARTPHONE



The smartphone is the result of the meeting between the mobile phone and the PDA (Personal Digital Assistant): it is a real pocket computer. Its market has boomed since the arrival on the market of Apple's iPhone and its competitors in 2007.

- The price of a smartphone varies depending on the range chosen, expect:
 - Up to €1,000 for a high-end smartphone;
 - Between €200 and €500 for a mid-range smartphone;
 - Between €100 and €200 for an entry-level smartphone.

Please note that you can benefit from advantageous prices when purchasing a smartphone with a mobile plan adapted for smartphones. But the cost of the plan is often quite high and with a minimum commitment period of 12 months.

PDA FEATURES

A PDA (Personal Digital Assistant) is a real pocket computer, with its processor, touch screen, RAM and other features.

Here are the standard PDA applications that are included on the smartphone:

- Schedule planner, task manager and address book;
- Internet: Internet browsing, email software (receiving and sending emails);
- Office tools: text processing, calculator, spreadsheet, viewer for a large number of file formats (images, PDF, etc.);
- Multimedia tools: playing videos, music, Flash animations;
- Possibility of having GPS and Wi-Fi options;
- Ease of data and message entry with the extended keyboard and touch screen (example: Apple iPhone).

1 CHOOSING YOUR PHONE

SMARTPHONE

Cell Phone Features

In addition to the features of a PDA, the smartphone has all the functions of a "multimedia" mobile phone:



- Calls, SMS and MMS;
- Photos, videos, music;
- Various applications;
- Internet connection, PC connection with memory card for storing data, Bluetooth, etc.

PROS

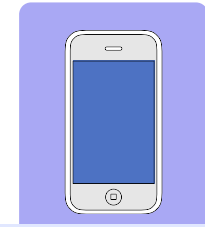
- It is a real pocket computer and you can carry documents, images, videos, etc. with you.
- It remains a practical device: the touch screen and the extended keyboard will allow you to write your messages and emails, but also to manage your data more easily.
- You will benefit from all the features available to its "little brother", the multimedia cell phone: music, photos, etc.
- Decent battery life: Although there are significant differences, most smartphones have enough battery life to cope with the huge energy consumption of the features.

CONS

- The main con of the smartphone is its large number of features that will discourage any mobile phone novice. In fact, there are so many apps and functions that a beginner would quickly get lost.
- The other main disadvantage of the smartphone is its size. It is bulkier and heavier than traditional mobile phones.
- Finally, its cost is higher than other types of phones. There is much debate about planned obsolescence, a concept that indicates that companies make them obsolete faster, particularly through updates that impact their performance. and force the device to be replaced faster than other types of phones.

2 COMPARISON

CHOOSING YOUR PHONE



Calls		✓	✓	✓
Sending and receiving	SMS	Yes	Yes	Yes
	MMS	Yes	Yes	Yes
Camera		No	Yes	Yes
Music / MP3 player		No	Yes	Yes
Videos		No	Yes	Yes
Games		No	Yes	Yes
Download logos, ringtones, games		No	Yes	Yes
Downloading apps		No	Yes	Yes
Computer connection		No	Yes	Yes
Memory card slot		No	Yes	Yes
GPS		No	No	Yes
PDA functions		No	No	Yes

2 COMPARISON

CHOOSING YOUR PHONE

			
Internet connection	Connexion GPRS	Yes	Yes
	3G connection	Yes	Yes
	Connexion 4G/H+	No	Yes
Touch screen	No	No	Yes
Extended Keyboard	No	No	Yes

3

CHOOSING YOUR PHONE

THE SENIOR MOBILE

The senior mobile is a simple cell phone with practical features.

It is suitable for:

- Seniors;
- Visually impaired person;
- Hearing impaired people

It allows seniors, but also people with hearing or visual impairments, to make phone calls without difficulty.



It is characterized by:

- Large keys with good spacing;
- A screen with large characters and high contrast;
- High ringing and listening volume;

And possibly:

- Compatibility with hearing aids;
- A charging base;
- An emergency call button;
- A raised coating for the keys;
- Memory keys.

TO BUY A SENIOR MOBILE, YOU NEED TO BUDGET BETWEEN €50 AND €150.

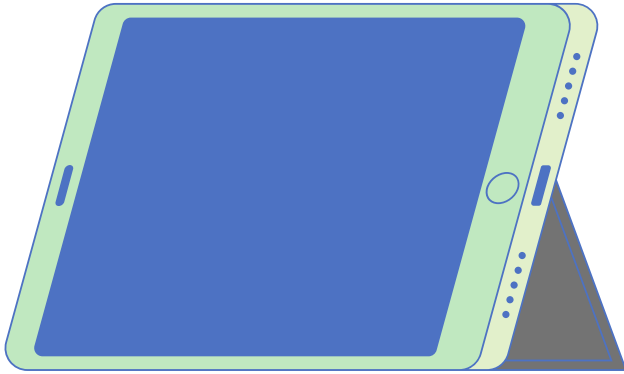
To choose your mobile well, do not hesitate to compare the offers by checking:

- Audio quality: Choose a phone that offers good audio quality with high volume and is compatible with hearing aids;
- Ease of use: Choose a phone that offers basic functions, with easy-to-use menus;
- Adaptability to different disabilities: possible use in case of vision or hearing problems;
- The robustness of the mobile: choose a phone that will withstand shocks and falls;
- Battery life: for more convenience, choose a mobile with good battery life, but also a charging base;
- Assistance services: Some phones can integrate an emergency call button with pre-recorded recipients. Some operators also offer teleassistance services to organize help in case of problems and to notify relatives.

4

CHOOSING A TOUCHSCREEN TABLET

WHAT CRITERIA?



Generally, a touchscreen tablet describes a neatly designed device that has a screen, but no keyboard or mouse. In this regard, its touchscreen responds to the touch of your fingers or a stylus. Thus, the touchscreen tablet combines the display features of a screen and that of a cursor pointing device.

In fact, the touch pad can connect, in a similar way to your smartphone, to the Wi-Fi network or the telephone network. Thanks to this capacity, the touch pad makes it possible to access, in real time, multimedia content, surf the Internet, check emails, chat in video conference via a webcam, read e-books, download applications, as well as watch videos and photos...

Also, a more in-depth definition of the touch tablet is necessary in order to better understand this technological tool. In fact, when we talk about a touch tablet, also called an electronic tablet, or multimedia tablet or digital tablet, we are used to thinking that it is a mini-computer, extra-flat, tactile, without keyboard, with a screen larger than 5.6 inches but smaller than 11 inches, and which can connect to the Internet by means of Wi-Fi or using a mobile network. Through its applications, it offers almost the same functionalities as a personal computer.

FOR A TABLET, THE PRICE VARIES FROM €100 TO €1000 OR EVEN MORE. IN FACT, IT DEPENDS ON YOUR NEED BECAUSE SEVERAL POINTS COME INTO PLAY.

BENEFITS

These advantages include ergonomics, easy and quick handling, significant autonomy, and immense comfort.

- Its mobile and small appearance offers you enormous space and weight savings.
- Its structure also has connectivity similar to that of a laptop.
- Seeing its interesting features, you can say that touch tablets are small, handy and versatile. Which makes them usable in various fields. In a sentence, touch tablets can be practical alternatives to laptops.
- Its uses are multiple, as much in the field of education, in the professional world as on a personal level.

4

CHOOSING A COMPUTER

LAPTOP VS. DESKTOP



Laptop or desktop PC, this is the main question for most people who want to invest in computer equipment for the first time.

Here are the pros and cons of laptops compared to desktop PCs to choose according to your requirements and your use. In fact, even if the purpose of the two devices is identical, certain differences can make us prefer one or the other.

PROS OF LAPTOP VS DESKTOP PC

- The laptop is compact, mobile and can therefore be used anywhere. Thanks to it, we can "surf" and work from wherever we want and whenever we want, as long as we have Internet connection means such as Wifi or 4G, among others.
- If you are working on a desktop PC, you may face the infamous power outage that makes you regret having forgotten to save your file regularly. Sudden data loss is a problem that is not encountered when using a laptop since it has a battery life of several hours
- Autonomy is a characteristic specific to the laptop because of its portability, which cannot be appreciated for the desktop computer, which only works when plugged into the mains. If you are nomadic, then between a laptop or a desktop PC, the laptop is the priority.
- Laptops are optimized to consume as little as possible. A laptop is 5 times less energy-intensive than a desktop computer, and promises significant energy savings. In fact, the former only consumes, on average, 50 kWh, while the latter consumes 250 kWh.

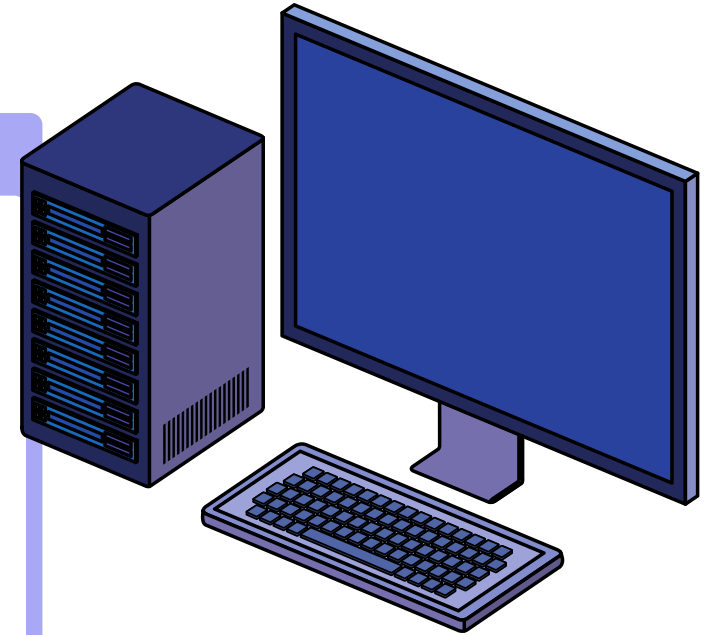
4

CHOOSING A COMPUTER

LAPTOP VS. DESKTOP

CONS OF LAPTOP VS DESKTOP PC

- For equivalent power, a laptop is generally 20 to 30% more expensive than a desktop computer. This is explained in particular by the fact of being able to take your machine wherever you want. Indeed, mobility has a cost.
- Depending on the usefulness of your computer, for the same price, it may be more interesting to opt for a desktop computer that will be more powerful. Indeed, with an entry-level desktop PC, you can easily use resource-intensive applications or play video games.
- On the other hand, for those who perform basic tasks, play light games and want to benefit from the advantages of a laptop, it might be wiser to prefer a refurbished computer, and thus benefit from savings of 20 to 70%.
- The average lifespan of a laptop is 2-3 years while a desktop computer works very well for over 6 years.
- Due to the compact structure of the laptop, it can be difficult or even impossible to change some of its components, which are also miniaturized. In the event of a breakdown, the user can easily replace the components of his desktop computer or upgrade it instead of buying a new one.
- However, in the era of reconditioning, this weak point must be qualified because laptops are becoming more durable.
- Due to its lightness and mobility, a laptop is easier to steal from its owner than a desktop computer which is difficult to hide and transport.



THE CHOICE BETWEEN A LAPTOP AND A DESKTOP COMPUTER SHOULD MAINLY BE BASED, IN LIGHT OF THESE DIFFERENT ASPECTS, ON THE USE YOU ARE GOING TO HAVE OF YOUR MACHINE.

INDEED, DEPENDING ON WHETHER YOU ARE A GAMER, DESIGNER, SIMPLE “SURFER” OR E-SHOPPER, YOUR NEEDS WILL NOT BE THE SAME.