



Keyboard

A keyboard is a peripheral **input device** used to input text, numbers, and commands into a computer or other electronic device by pressing keys.

Keyboard Layout

- ▶ A keyboard layout refers to the arrangement of keys on a keyboard, including the positioning of letters, numbers, symbols, and special function keys.
- ▶ Some popular keyboard layouts are
 - ▶ **QWERTY**
 - ▶ **QWERTZ**
 - ▶ **AZERTY**
 - ▶ **QZERTY**

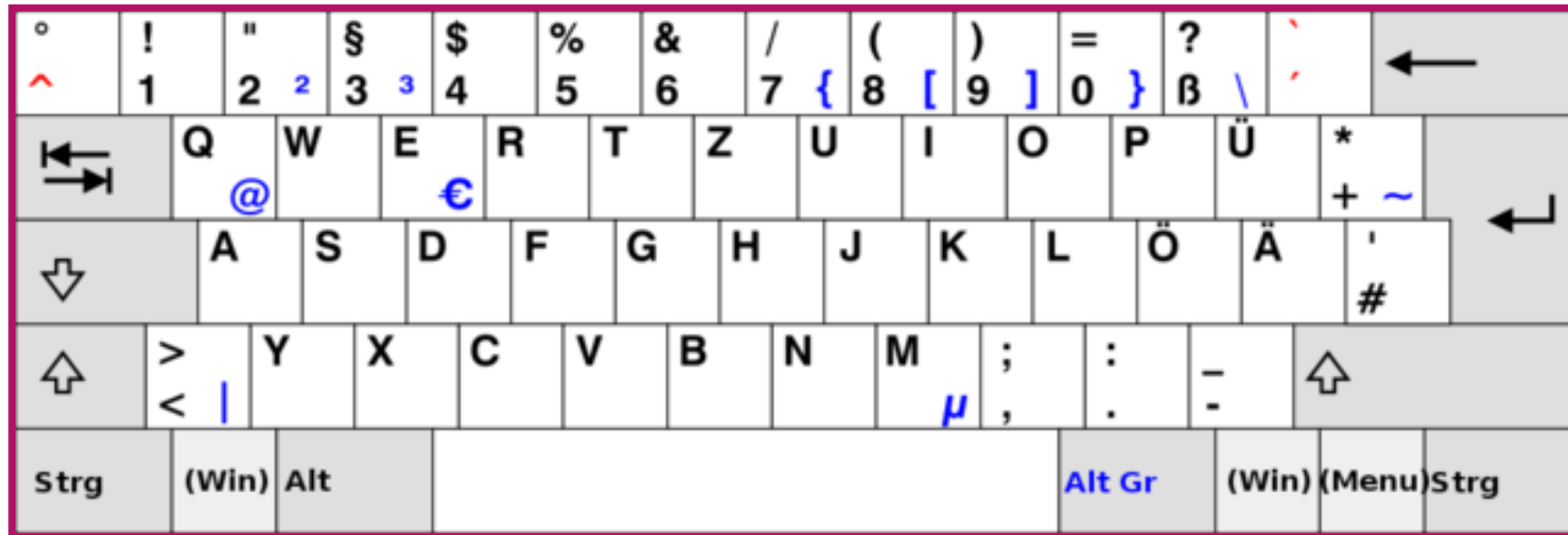
QWERTY Keyboard

- Standard keyboard layout predominantly used in English-speaking countries, named after the first six letters in the top row.



QWERTZ Keyboard

- Keyboard layout primarily used in German-speaking countries, similar to QWERTY but with the placement of the Y and Z keys swapped.



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QZERTY Keyboard

- ▶ A less common variation of the QWERTY layout where the top row starts with QZERTY instead of QWERTY, used in some Scandinavian countries.



Types of Keys

- ▶ Types of keys on a keyboard typically include:
 - ▶ **Alphanumeric Keys:** These include letters **(A-Z)** and numbers **(0-9)** used for typing text and numbers.
 - ▶ **Modifier Keys:** Keys like **Shift**, **Ctrl (Control)**, **Alt (Alternate)**, and the **Windows/Command** key, used to modify the functions of other keys.
 - ▶ **Function Keys:** Typically labeled **F1** to **F12**, these keys have various predefined functions depending on the software or operating system.
 - ▶ **Arrow Keys:** Used for **navigation, including up, down, left, and right** movements.
 - ▶ **Navigation Keys:** Include **Home**, **End**, **Page Up**, and **Page Down keys**, used for navigating documents or web pages.
 - ▶ **Numeric Keypad:** Located on the right side of most keyboards, this section contains **numbers, arithmetic operators**, and sometimes additional function keys.

Types of Keys

- ▶ **Special Keys:** These keys perform specific functions, such as **Enter (or Return)**, **Backspace**, **Delete**, **Tab**, **Esc (Escape)**, **Caps Lock**, and the **Spacebar**.
- ▶ **Media Keys:** Found on multimedia keyboards, these keys control functions like volume adjustment, play/pause, stop, forward, and rewind for media playback.
- ▶ **Special Characters:** Accessed through combinations with modifier keys or through dedicated keys, these include punctuation marks, symbols, and diacritics.

Alphanumeric Keys



Modifier Keys



Function Keys

Function Keys



Arrow Keys



Arrow Keys

Navigation Keys



Numeric Keypad



Numeric Keypad

Special Keys

