

# Technical Specs

## Nintendo Switch™ console



Size	Approximately 4 inches high, 9.4 inches long, and 0.55 inches deep (with Joy-Con attached) *The depth from the tip of the analog sticks to the tip of the ZL/ZR buttons is 1.12 inches
Weight	Approximately .66 lbs (Approximately .88 lbs when Joy-Con controllers are attached)
Screen	Multi-touch capacitive touch screen / 6.2-inch LCD Screen / 1280 x 720
CPU/GPU	NVIDIA Custom Tegra processor
Storage	32 GB of internal storage, a portion of which is reserved for use by the system. Users can easily expand storage space using microSDHC or microSDXC cards up to 2TB (sold separately).
Networking	Nintendo Switch can be connected to the Internet via a wireless (IEEE 802.11 a/b/g/n/ac) and Bluetooth 4.1 (In TV mode, Nintendo Switch can be connected by using a wired LAN adapter - sold separately)
Video output	Up to 1080p via HDMI in TV mode Up to 720p via built-in screen in tabletop mode and handheld mode
Audio output	Compatible with 5.1ch Linear PCM output Output via HDMI connector in TV mode
Speakers	Stereo
Buttons	Power button / Volume button
Headphone/mic jack	3.5mm audio jack
Game card slot	Nintendo Switch game cards
microSD card slot	Compatible with microSD/microSDHC/microSDXC memory cards *Once the microSDXC card is inserted, a system update will be necessary. An Internet connection is required to perform this system update.
Sensor	Accelerometer, gyroscope, and brightness sensor
Operating environment	41-95 degrees F / 20-80% humidity
Internal battery	Lithium-ion battery/4310mAh
Battery life	Approximately 2.5 - 6.5 hours *The battery life will depend on the games you play. For instance, the battery will last approximately 3 hours for <i>The Legend of Zelda: Breath of the Wild</i> .
Charging time	Approximately 3 hours *When charging while the hardware is in sleep mode

## Nintendo Switch dock



Size	Approximately 4.1 inches high, 6.8 inches long, and 2.12 inches deep
Weight	Approximately .72 lbs
Output	USB Port (USB 2.0 compatible) x2 on the side, 1 on the back System connector AC adapter port HDMI port

## Joy-Con™ controllers



	Joy-Con [L]	Joy-Con [R]
Size	Approximately 4.02 inches high, 1.41 inches long, and 1.12 inches deep	
Weight	1.7 oz	1.8 oz
Buttons	Left Stick Up/down/left/right/L/ZL/SL/SR/- Buttons Capture Button Release Button Sync Button	Right Stick A/B/X/Y/R/ZR/SL/SR/+ Buttons HOME Button Release Button Sync Button
Wireless	Bluetooth 3.0	Bluetooth 3.0/NFC
Sensor	Accelerometer Gyroscope	Accelerometer Gyroscope Motion IR Camera
Vibration	HD Rumble	
Battery life	Approximately 20 hours *This is an estimate. The battery life may be shortened depending on the usage.	
Charging time	Approximately 3 hours 30 minutes * Joy-Con controllers are charged by attaching them to a console or charging grip connected to a power supply.	

## Joy-Con Strap



Size	Approximately 3.98 inches high, 0.57 inches long, and 0.55 inches deep
Weight	Approximately .66 oz

## Joy-Con Grip



Size	Approximately 3.98 inches high, 5.67 inches long, and 1.58 inches deep
Weight	Approximately .21 lbs