VIDEO GAMES

Never pay more than 20 bucks for a computer game

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What is Video Game?

A video game is an electronic game that involves interaction with a user interface or input device – such as a joystick, controller, keyboard, or motion sensing device – to generate visual feedback for a player.

HISTORY OF VIDEO GAMES

- **1961 -** Spacewar, the world's first interactive computer game, is created for the Digital PDP-1 mainframe computer at the Massachusetts Institute of Technology (MIT).

- **1967 -** Ralph Baer designs the "Brown Box" which can play simple video games on a standard television set (released as the Magnavox Odyssey in 1972).

- **1971 -** Nolan Bushnell, founder of Atari, releases the first video arcade game, Computer Space.

- **1972 -** Atari engineer Al Alcorn creates the simple tennis-style arcade game Pong, the first commercially successful video game.

- **1975 -** Sears releases an Atari-built home Pong console.

- **1977 -** Atari releases its first cartridge-based video game console, the Video Computer System (later called the Atari 2600).

HISTORY OF VIDEO GAMES

- **1978 -** Taito releases Space Invaders, and the game's popularity causes a shortage of 100 Yen coins in Japan.
- **1980 -** Activision, formed by disgruntled Atari programmers, becomes the world's first third-party video game publisher. Namco releases Pac-Man and Nintendo unveil the first Game & Watch units.
- **1982 -** Game publisher Electronic Arts founded by Trip Hawkins.
- **1983 -** The Commodore 64 is released, a powerful home computer/gaming system for a low price. In Japan, Nintendo launch the Famicom (and Super Mario Bros) which is released two years later in the West as the Nintendo Entertainment System.

- **1985 -** Russian programmer Alex Pajitnov develops Tetris.
- **1986 -** Sega introduces the Master System.
- **1987 -** Will Wright releases "software toy" SimCity.
- **1989 -** Nintendo releases the handheld Game Boy console.
- **1991 -** Strategy game Civilization released by Microprose, Street Fighter II released by Capcom.
- **1993 -** 3D shooter Doom released by id Software, while Myst encourages many PC owners to buy CD-ROM drives
- **1994 -** Sony enters the video game business with the PlayStation console.

FIRST GAMING CONSOLE

The Odyssey was manufactured by **Magnavox** and released in North America in September of 1972. It stands as the very first home video game console. The system was developed by Ralph Baer, a German-American engineer who created the **ping**-pong style gameplay that the Odyssey offered.
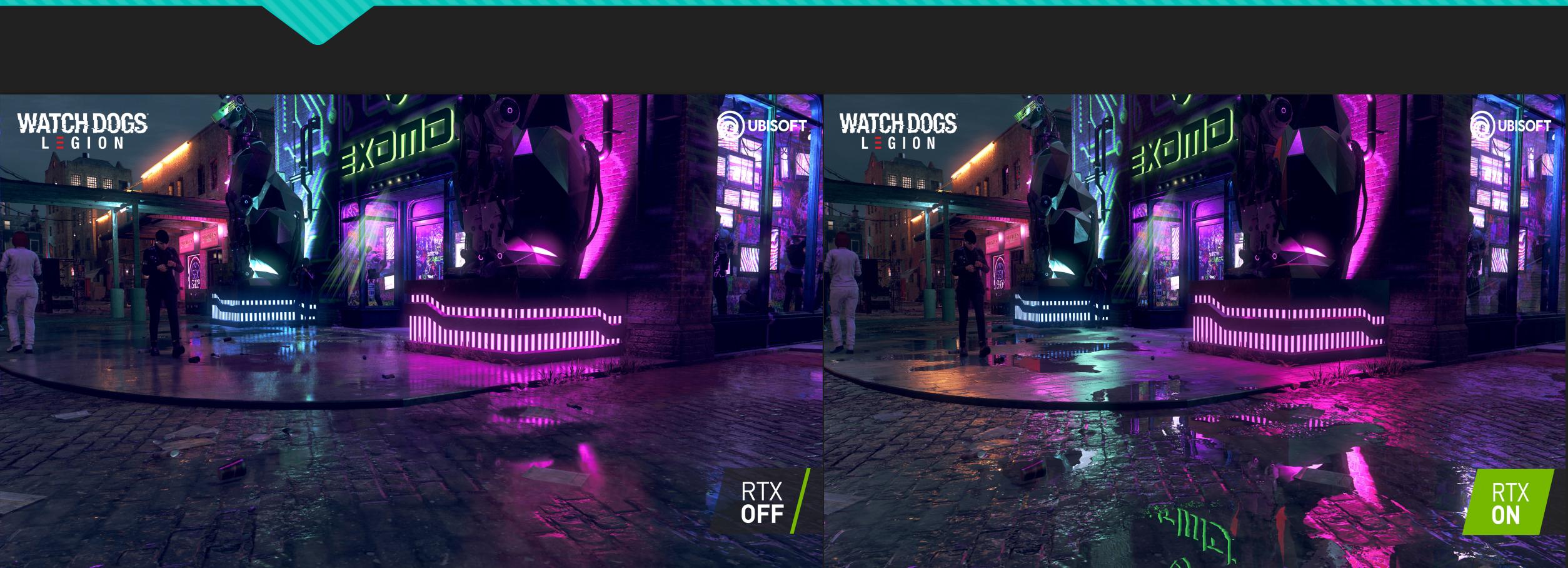
FIRST TRUE 3-D GAME

TECHNOLOGY

- As technology in 3-D animation got advanced, Video games got advanced too.

- 3D animations started to render in real time with latest technology as Rasterization, Real time ray tracing in games.

- AI upscaling by Nvidia know as Deep learning super sampling (DLSS) use AI tensor cores to upscale a lower resolution Image to higher resolution.

REAL TIME RAY TRACING

Watch dogs legion (2020) showing results of ray tracing on/off

LATEST VIDEO GAMES

Call of duty Cold war (2020)

First-person shooter video game that supports Nvidia's latest RTX and DLSS technology

Animal Crossing: New Horizons

Animal Crossing: New Horizons is a 2020 life simulation game developed and published by Nintendo for the Nintendo Switch

BENEFITS OF VIDEO GAMES

- Boost the reading skills.

- Careers in video games.

- Boost up the imaginative and creative skills.

- Virtual Connection.

- Help in Problem Solving.

- Boost up the visual spatial skills.

DISADVANTAGES OF VIDEO GAMES

- Violence.
- Addiction.
- Social Replacement.
- Falling grades.
- Health issues.
- Anxiety.

THANKING YOU

Let's play video game just to refresh our minds but donot get addict of it.