

The PS5 – the world's biggest games console

Sony's PlayStation 5 is the largest video game console ever made, due to an innovative cooling system that utilises a large fan, enormous copper heat sink and liquid metal conductor

Outer panel: Can be easily removed

Air intake vents

Hot air exhaust

Heat sink: Copper, pipe-based system emulates vapour chamber

Storage:
825GB SSD
5.5GB/s (fast load times)

Inner casing

Shield

Custom storage:
Room to add extra SSD in future

Cooling fan: 120mm diameter. Very quiet (unlike noisy fan in PS4). Draws in lot of air from twin **air intake vents** and sends it out back of console

Power unit:
350 watts

Motherboard shield

Power button

USB Type-C port

USB Type-A port

CPU: 8 x Zen 2 Cores at 3.5GHz
GPU: Custom RDNA 2 – 10.28 TFLOPs at 2.23GHz (features gallium liquid metal **Thermal Interface Material (TIM)** that helps conduct more heat to **heat sink**)

Memory: 16GB GDDR6/256-bit RAM, 448GB/s

GAME OF NOTE: *Ratchet & Clank: Rift Apart* will utilise PS5's fast custom **SSD** to allow players to warp to multiple alien landscapes instantaneously, with no perceivable load times

Ultra HD Blu-ray drive: Insulated to reduce noise and vibration

Inner casing

Outer panel

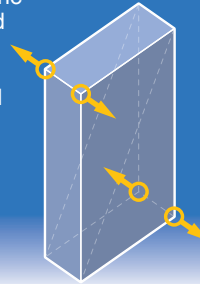
Sony
PlayStation 5
(shown):
\$499
PlayStation 5 Digital Edition (no Blu-ray drive):
\$399

Base: Can also be configured for laying PS5 down horizontally

UNUSUAL FORM FACTOR

Game consoles are usually cuboid in shape, but this time, Sony has tried something slightly different

1. Imagine standard cuboid form, then pull corners out as shown



2. Creates unusual polygon shape which Sony has further smoothed and rounded

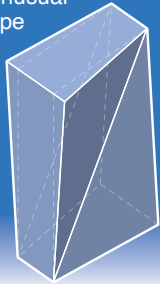


Diagram exaggerated for effect

390mm



Note: "Biggest console" claim discounts vintage systems with built-in cathode ray tube displays. Picture: Insomniac Games/Sony Computer Entertainment
Sources: Sony, The Verge, Polygon, TweakTown, VentureBeat, IGN, Pocket-lint, Linus Wilson Channel (YouTube)

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