



## Fact Sheet | September 2020

The next generation of console gaming will deliver a level of fidelity and immersion unlike anything that's been achieved before. With Xbox Series X and Xbox Series S, we're excited to provide unparalleled performance, speed and compatibility for the next generation of consoles and innovative new features that enable gamers to jump into more expansive, lifelike worlds even faster. We've put players at the center of our vision for the future of gaming, which is why we've continued to expand services like Xbox Game Pass Ultimate and Project xCloud, so fans can play and discover great adventures together on Android phones or tablets.

Much of the innovation we've achieved with Xbox Series X is also built into Xbox Series S, enabling shared features including:

- **Backward compatibility** so thousands of games – Xbox One and backward-compatible Xbox 360 and original Xbox games – most Xbox One gaming accessories and your Xbox career move forward with you
- **Xbox Velocity Architecture**, delivering more than 40x the I/O bandwidth of an Xbox One, powering faster load times, steadier frame rates and the ability to seamlessly switch between multiple games with **Quick Resume**
- **Smart Delivery** to ensure you play the best available version of your game available for your console
- **Variable Rate Shading**, which enables developers to focus GPU power on adding precision and detail to the portions of a frame that benefit the most from extra fidelity
- More lifelike visuals with hardware-accelerated **DirectX Raytracing**
- Support for up to **120FPS**
- **Symmetrical CPU and I/O speeds**

### Xbox Series X

Xbox Series X is our fastest, most powerful gaming console ever and will set a new bar for performance, speed and compatibility.

Powered by our next generation, custom designed processor including an 8 core Zen 2 CPU, delivering more than 4x the processing power of an Xbox One, it packs an unprecedented 12 teraflops of GPU performance and enables a new level of visual fidelity and immersion with native 4K gaming and up to 8K capability. Pair that with the highest bandwidth GDDR6 memory of any next generation console, Xbox Series X provides developers the power to push their creative visions to the limit.

Xbox Series X will be available at select retailers worldwide beginning November 10, 2020 for \$499 USD.

### Xbox Series S

Powered by our next generation, custom designed processor, including an 8 core Zen 2 CPU, Xbox Series S offers next generation speed and performance in our smallest Xbox ever at an accessible price point. Xbox Series S delivers approximately 3x the GPU performance of Xbox One and was designed to play games at 1440P at 60 frames per second, with support for upscaled 4K at up to 120 FPS. It is similar to Xbox Series X in CPU and I/O performance making it easier for developers to deliver the same great performance as on Xbox Series X, while rendering at a lower resolution. Xbox Series S is built for disc-free gaming, which is perfect for digital-first gamers and will be available at select retailers worldwide beginning November 10, 2020 for \$299 USD.

### Content, Specs, Price

- Xbox Series X, \$499 USD, includes 1TB NVMe PCIe x2 Gen 4 SSD, Xbox Wireless Controller, HDMI2.1 cable, power supply
- Available for pre-order on September 22, 2020 in select Xbox markets; check your local retailer or visit [www.xbox.com](http://www.xbox.com)  
Specs: 1TB NVMe PCIe x2 Gen 4 SSD, 4K UHD Blu-ray, CPU @ 3.6GHz with SMT 3.8GHz with no SMT, Custom GPU with 52CU @ 1.825GHz, 12.0 TFLOPS, HDMI VRR & AMD FreeSync 2160p (4K) @120Hz and 4320p (8K) @ 24Hz - 60Hz, HDMI Out 2.1
- Xbox Series S, \$299 USD, includes 512GB NVMe PCIe x2 Gen 4 SSD, Xbox Wireless Controller, HDMI2.1 cable, power supply
- Available for pre-order on September 22, 2020 in select Xbox markets; check your local retailer or visit [www.xbox.com](http://www.xbox.com)  
Specs: 512GB NVMe PCIe x2 Gen 4 SSD, CPU @ 3.4GHz - 3.6GHz, Custom GPU with 20CUs @ 1.563 GHz at max performance, 4.0 TFLOPS, HDMI VRR & AMD FreeSync 2160p (4K) @120Hz and 4320p (8K) @ 24Hz - 60Hz, HDMI Out 2.1

Internal

	Xbox Series X	Xbox Series S
Xbox Velocity Architecture	✓	✓
Quick Resume	✓	✓
Hardware-accelerated Direct X Raytracing	✓	✓
Variable Rate Shading	✓	✓
Gaming at up to 120 FPS	✓	✓
Supports Smart Delivery, so you're always playing the best version of your games available for your console	✓	✓
Backward compatible with thousands of games across four generations	✓	✓
Compatible with Xbox One gaming accessories*	✓	✓
Unlimited access to 100+ games when paired with Xbox Game Pass, including EA Play and Day 1 releases*	✓	✓
Dedicated storage expansion port	✓	✓
Variable Refresh Rate	✓	✓
Auto Low-Latency Mode	✓	✓
Dolby Vision	✓	✓
Dolby True HD with Atmos	✓	✓
HDMI 2.1 output	✓	✓
Plays physical game discs	✓	
Disc-free gaming	✓	✓
Digital games, save, and backups are safe in the cloud	✓	✓
Digital games travel with you	✓	✓
Pre-install new digital games; play the moment they launch	✓	✓
Access to hundreds of apps and services	✓	✓
Stream 4K Ultra HD video on your favorites like Netflix, Amazon Video, Disney+, and more	✓	✓
Stream and record clips in 4K resolution at 60 FPS	✓	
Custom SSD internal storage	1TB	512GB
Processing power	12 teraflops	4 teraflops
Gaming resolution True 4K gaming	True 4K	Native 1440p
Plays 4K UHD Blu-ray entertainment	✓	
Spatial Sound	✓	✓
HDR 8K video capable	✓	✓
Eligible to be purchased with the Xbox All Access*	✓	✓

\*Xbox All Access available in select markets. Xbox One accessories and Xbox Game Pass sold separately.

## Internal

For more information and assets contact [xboxpress@assemblyinc.com](mailto:xboxpress@assemblyinc.com) or visit <http://news.xbox.com>

\*Backwards Compatibility with Xbox Series X and Xbox Series S is limited to existing Xbox One and backward-compatible Xbox 360 and original Xbox games, see <http://www.xbox.com/backcompat>. \*\*120 FPS: Requires supported content and display; use as content becomes available. Prices are estimated retail prices; actual prices may vary. Xbox Series X: 8K: Requires supported content and display. Use on Xbox Series X as content becomes available. Xbox Series S: Use with digital games only; console does not play physical discs.