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# AMD Radeon™ RX 6600 XT Graphics



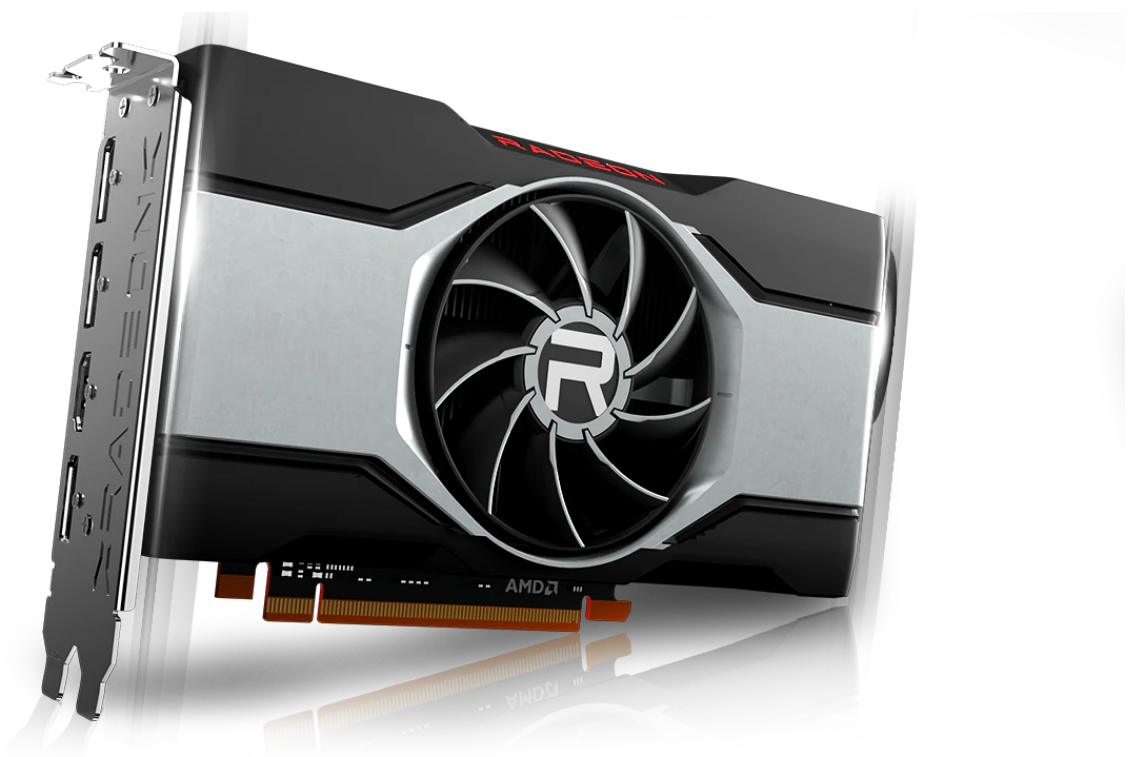
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## Epic 1080p Gaming

Introducing the AMD Radeon™ RX 6600 XT graphics card, featuring the breakthrough AMD RDNA™ 2 architecture, engineered to deliver the ultimate 1080p gaming experience.

**FIND RETAILERS (</EN/WHERE-TO-BUY/RADEON-RX-6000-SERIES-GRAPHICS>)**



\*Artistic product rendering.

AMD Radeon™ RX 6600 XT Graphics ▼

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**32**

Compute Units & Ray Accelerators

**32 MB**

Infinity Cache

**8 GB**

GDDR6

**Up to 2359 MHz**

Game Clock

## **Powerhouse Performance**

Powerful new AMD RDNA™ 2 compute units and AMD Infinity Cache, paired with 8GB of GDDR6 memory enable the ultimate future-ready gaming experience.

**1080p Max Settings**

**92 FPS**

Assassins Creed Valhalla

**164 FPS**

Battlefield 5

**137 FPS**

Forza Horizon 4

**177 FPS**

Resident Evil Village

**186 FPS**

Apex Legends

**289 FPS**

DOTA 2

**441 FPS**

Tom Clancy's Rainbow Six Siege

**553 FPS**

Valorant

# Get a Boost in Frames for Your Games

AMD FidelityFX Super Resolution upscaling technology for high-performance gaming in select games.

**LEARN MORE** (</EN/TECHNOLOGIES/RADEON-SOFTWARE-FIDELITYFX-SUPER-RESOLUTION>)

## Vivid Visuals

With support for DirectX Raytracing (DXR), Variable Rate Shading (VRS), and AMD FidelityFX<sup>1</sup>, the AMD RDNA™ 2 architecture powers the next generation of gaming visuals at any resolution, providing a captivating gaming experience.

**LEARN MORE**  
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# AMD Smart Access Memory Technology

All AMD Performance. Built to Game.

Enable AMD Ryzen processors to harness the full potential of the graphics card memory. Enjoy increased performance with all-AMD in your system for the ultimate gaming advantage.

**[LEARN MORE \(/EN/TECHNOLOGIES/SMART-ACCESS-MEMORY\)](/en/technologies/smart-access-memory)**

## Elevated Experiences

New features, responsive efficiency, and a widely advanced gaming ecosystem elevate the AMD Radeon™ RX 6600 XT graphics experience to ensure your success in all your games.

AMD  
RDNA 2AMD  
RADEON  
SoftwareAMD  
FreeSync

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## Available Soon from These Partners



\*GPU specifications may vary by partner configuration. Please refer to partner websites for GPU specifications.

## AMD Radeon™ RX 6600 XT

### GPU

**Compute Units:** 32

**Base Frequency:** 1968 MHz

**Boost Frequency ⓘ:** Up to 2589 MHz

**Game Frequency ⓘ:** 2359 MHz

**Ray Accelerators:** 32

**Peak Pixel Fill-Rate:** Up to 165.7 GP/s

**Peak Texture Fill-Rate:** Up to 331.4 GT/s

**Peak Half Precision Compute Performance:** 21.21 TFLOPs

**Peak Single Precision Compute Performance:** 10.6 TFLOPs

**ROPs:** 64

**Stream Processors:** 2048

**Texture Units:** 128

**Transistor Count:** 11.1 B

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## Requirements

**Typical Board Power (Desktop):** 160 W

**Minimum PSU Recommendation:** 500 W

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## GPU Memory

**Infinity Cache:** 32 MB

**Memory Speed:** 16 Gbps

**Max Memory Size:** 8 GB

**Memory Type:** GDDR6

**Memory Interface:** 128-bit

**Memory Bandwidth:** Up to 256 GB/s

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## Supported Rendering Format

**HDMI™ 4K Support:** Yes

**4K H264 Decode:** Yes

**4K H264 Encode:** Yes

**H265/HEVC Decode:** Yes

**H265/HEVC Encode:** Yes

**AV1 Decode:** Yes



## Connectivity **DisplayPort:** 1.4 with DSC

**HDMI™:** HDMI™ 2.1 VRR and FRL

**USB Type-C:** No

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## General

**Product Family:** AMD Radeon™ 6000 Series

**Product Line:** AMD Radeon™ 6600 Series

**Type:** Component

**Launch Date:** 8/11/2021

**Additional power connector:** 1x8 pin

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