10 AMD Features and Technologies that enable premium Windows® 10 experiences

1. **AMD-based Windows 10 PCs and Xbox One™ share the same heritage and architecture**

Any Developer who builds their games using DirectX® 12 will be able to take advantage of this great technology on both Xbox One and Windows 10 based PC platforms.

2. **H.264 and H.265 (HEVC) Video Acceleration**

Ability to stream content at the highest resolutions (4K and beyond) thanks to hardware-based HEVC decoder.

3. **DirectX 12**

AMD enables incredible DirectX® 12 performance.

4. **AMD FreeSync™ technology**

puts an end to choppy gameplay and broken frames with fluid, artifact-free performance at virtually any framerate. Games will look great on your AMD-based PC running Windows® 10 because all 2015 AMD APUs will provide support for Microsoft DirectX® 12 and AMD FreeSync™.

5. **Asynchronous Shaders**

AMD processors with Graphics Core Next architecture can process multiple command streams in parallel, improving gaming performance and image quality.

6. **Sharper and clearer**

Microsoft Edge – the new Windows 10 browser – features JavaScript, HTML5, WebGL, and other enhancements that are accelerated by AMD APU and GPUs to enable the next generation browser experiences.

7. **Secure operation**

Leveraging AMD Secure Processor on mobile APU with secure boot and resume TPM 2.0 and Drive Key Encryption.

8. **Responsive resume times**

powered by AMD and Windows® 10 let you spend less time waiting and more time doing because your PC wakes up from sleep quickly.

9. **The AMD Catalyst™ 15.7 driver**

or later will help enrich the user experience through more reliable performance, innovative features and technologies.

10. **Enabling up to 15X more details in games using DirectX® 12**

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