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Apr 30, 2019 10:30am PT

## Oculus Rift S, Oculus Quest Hit May 21, Pre-Orders Open

By [Brian Crecente](#) ▾



Courtesy of Facebook

Oculus Rift S and the standalone Oculus Quest both begin shipping on May 21, Facebook announced during its F8 event on Tuesday. Pre-orders are now live for both pieces of virtual reality hardware, each of which sells for \$399.

While both headsets use Oculus Insight, a suite of software that enables tracking of movement of the player and the controllers without the need for separate sensors and trackers, there are key differences between the two.

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The Oculus Quest doesn't require a connection to a computer, instead, it's powered by a Qualcomm Snapdragon 835 chipset and 4GB of RAM.

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The Quest comes in a 64GB version for \$399 and a 128GB version for \$499. The headset weighs slightly more than the Oculus S, at 571g and is slightly smaller. Both headsets support six degrees of freedom head and hand tracking. The Quest uses OLED display panels capable of displaying 1440×1600 per eye with a refresh rate of 72Hz. That's a slightly lower refresh rate than the S, but better resolution.

The standalone headset is launching with support for 50 titles including the popular [“Beat Saber”](#) rhythm game and Turtle Rock Studios' “Journey of the Gods.” The headset comes preloaded with demos for [“Beat Saber,”](#) “Creed,” “Journey of the Gods,” “Space Pirate Trainer,” and “Sports Scramble.”

Oculus is also selling a Quest Travel case that holds the headset, controllers, and charging cable, for \$40.

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The S headset weighs 563g, up from the 470g of the original Oculus Rift. It supports six degrees of freedom head and hand tracking, which means users will no longer need to use the sensors that came with the original model. It also means that tracking won't be lost if a player turns their back to a sensor, because it's built into the headset. The S uses a single fast-switch LCD panel compared to the OLED panels found in the original Oculus. The new panel features a resolution of 2560×1440 total compared to the original Rift's resolution of 2160X1200 total. The S's refresh rate drops to 80hz, down from 90h for the original.

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The S also has a redesigned headset and slightly longer cable — 5 meters — for connecting to a computer.

Oculus [announced the S in March](#) during the Game Developers Conference. At the time, vice president in charge of content at Oculus Jason Rubin, [explained to Variety](#) why the headset wasn't called the Oculus Rift 2 and discussed the impetus of some of the headset's design changes.

Last month, ILMxLAB and [Oculus](#) announced that “[Vader Immortal: A Star Wars VR Series](#)” was [coming](#) to the [Oculus](#) Rift and Quest headsets this spring. They also gave attending press a chance to [strap on a headset and dive into the virtual world](#).

The full list of Oculus Quest launch games and apps is below. The Oculus Rift S will run all Rift games.

1. Angry Birds VR: Isle of Pigs, Resolution Games
2. Apex Construct, Fast Travel Games
3. Apollo 11, Immersive VR Education
4. Bait!, Resolution Games
5. Ballista, High Voltage Software
6. Beat Saber, Beat Games
7. Bigscreen Beta, Bigscreen VR
8. Bogo, Oculus
9. Bonfire, Baobab
10. Box VR, Fit XR
11. Creed, Survios
12. Dance Central, Harmonix
13. Dead and Buried 2, Oculus Studios
14. Drop Dead: Duel Strike, Pixel Toys
15. Electronauts, Survios
16. Epic Roller Coasters, B4T Games
17. Face Your Fears 2, Turtle Rock Studios

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19. Fart Ninja VR, Hantonika

- 20. Guided Tai Chi, Cubicle Ninjas
- 21. I Expect You To Die, Schell Games
- 22. Job Simulator, Owlchemy Labs,
- 23. Journey of the Gods, Turtle Rock Studios
- 24. Keep Talking And Nobody Explodes, Steel Crate Games
- 25. Moss, Polyarc
- 26. National Geographic VR Explore, Force Field VR
- 27. Nature Treks, Greener Games
- 28. Ocean Rift, Dr. Llyr Ap Cenydd
- 29. Oculus Browser, Oculus
- 30. Oculus Gallery, Oculus
- 31. Oculus TV, Oculus
- 32. Oculus Video, Oculus
- 33. Orbus VR, Orbus Online
- 34. PokerStars VR, LuckyVR
- 35. Racket Fury: Table Tennis, Pixel Edge Games
- 36. Rec Room, Against Gravity
- 37. Robo Recall, Drifter Entertainment
- 38. RUSH, Binary Mill
- 39. Shadow Point, Coatsink
- 40. Skybox VR Video Player, Source Technology Inc
- 41. Space Pirate Trainer, I-Illusions
- 42. Sports Scramble, Armature Studios
- 43. SUPERHOT VR, SUPERHOT Team
- 44. The Exorcist: Legion VR, Developer Wolf & Wood, Publisher Fun Train
- 45. Thumper, Drool
- 46. Tilt Brush, Google
- 47. Ultrawings, Bit Planet Games
- 48. Vader Immortal, ILMxLab
- 49. Virtual Desktop, Virtual Desktop, Inc.
- 50. Virtual Virtual Reality, Tender Claws
- 51. VR Karts, Viewpoint Games
- 52. VRChat, VRChat
- 53. Wander, Parkline Interactive

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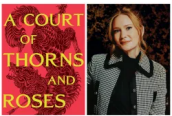
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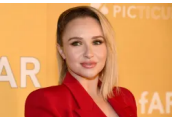
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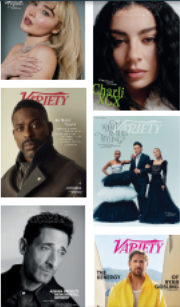
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