The 8 most interesting PC monitors from CES 2025

The brand behind the monitor is Koorui, a three-year-old Chinese firm whose website currently lists monitors and keyboards. Koorui hasn’t confirmed when it will make its 750 Hz display available, where it will sell it, or what it will cost. That should bring some skepticism about this product actually arriving for purchase in the US. However, Koorui did bring the display to the CES show floor.

The speedy display had a refresh rate test running at CES, and according to several videos we’ve seen from attendees, the monitor appeared to consistently hit the 750 Hz mark.

[embedded content]

World’s first 750Hz monitor???

For those keeping track, high-end gaming monitors—namely ones targeting professional gamers—hit 360 Hz in 2020. Koorui’s announcement means max monitor speeds have increased 108.3 percent in four years.

One CES attendee noticed, however, that the monitor wasn’t showing any gameplay. This could be due to the graphical and computing prowess needed to demonstrate the benefits of a 750 Hz monitor. A system capable of 750 frames per second would give people a chance to see if they could detect improved motion resolution but would also be very expensive. It’s also possible that the monitor Koorui had on display wasn’t ready for that level of scrutiny yet.

Like many eSports monitors, the Koorui is 24.5 inches, with a resolution of 1920×1080. Perhaps more interesting than Koorui

taking the lead in the perennial race for higher refresh rates is the TN monitor’s claimed color capabilities. TN monitors aren’t as popular as they were years ago, but OEMs still employ them sometimes for speed.

They tend to be less colorful than IPS and VA monitors, though. Most offer sRGB color gamuts instead of covering the larger DCI-P3 color space. Asus’ 540 Hz ROG Swift Pro PG248QP, for example, is a TN monitor claiming 125 percent sRGB coverage. Koorui’s monitor claims to cover 95 percent of DCI-P3, due to the use of a quantum dot film. Again, there’s a lot that prospective shoppers should confirm about this monitor if it becomes available.

For those seeking the fastest monitors with more concrete release plans, several companies announced 600 Hz monitors coming out this year. Acer, for example, has a 600 Hz Nitro XV240 F6 (also a TN monitor) that it plans to release in North America this quarter at a starting price of $600.

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