HP reveals first Google Beam 3D video conferencing setup, priced at $25,000

Amid all the Gemini hype at Google I/O last month, the company also turned one of its experiments into a (kind of) real product. Project Starline was reborn as Google Beam, a 3D video conferencing system that makes it look like you're in the same room with the other party. Google said HP would reveal the first Beam setup, and now it has. The HP Dimension is coming this year, and the price tag is a predictably hefty $24,999.

Google Beam calls for a lot of advanced hardware, so the high price isn't a surprise. The HP Dimension uses six high-speed cameras positioned around the display to capture the speaker from multiple angles. This visual data is then fed into Google's proprietary volumetric video model, which merges the streams together into a 3D reconstruction of the speaker.

Eventually, there will be Beam systems of various sizes, but the HP model comes with a big 65-inch display. All Beam systems will use light field screen technology, which can show the volumetric model in 3D, eliminating the need to wear a headset or glasses for the 3D effect. Google says Beam can show minute details at 60 fps with millimeter-scale precision.

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