COMPARISON OF 27-INCH ALL-IN-ONE DESKTOPS

We compared the Dell™ XPS 27 All-in-One to others in its class from vendors including Apple®, Asus®, HP, Lenovo®, and Microsoft®. Figure 1 compares the systems using publically available data at each vendor's respective website. We gathered this data at the links provided on 04/23/2017 (click on model names to follow them) and report only what each vendor disclosed on their sites.

According to vendor-provided data, the Dell XPS 27 All-in-One has the most speakers of any 27-inch all-in-one desktop.

Brand	Model	Speaker info
Dell	[XPS 27 All-in-One](#)	10 speakers The sound system has a distinctive integrated sound bar which includes ten discrete speakers powered and controlled by digital dynamic amplifiers producing 50W per channel.
Apple	[27-inch iMac with Retina 5K display](#)	Stereo speakers
Asus	[Zen AiO ZN270](#)	Quad speakers Zen AiO ZN270 features an astonishing quad-speaker audio system — designed by the ASUS Golden Ear team and certified by world-renowned audio experts Harmon Kardon. Each 3W speaker has a two-way design — just like you find in top-quality Hi-Fi speakers. A two-way speaker design uses two separate units working in perfect harmony: a small silk-domed speaker called a tweeter that is designed to deliver crystal-clear high frequencies, and a larger more robust speaker called a woofer that produces rich, powerful distortion-free bass. You really have to hear it to believe it!

Brand	Model	Speaker info
HP	Pavilion All-in-One Desktop (27-a210t) (27-a220xt) (27-a020xt) (27-a230qe) (27-a030 touch) (27-a240se) (27-a250qd)	Stereo speakers dual front-firing HP speakers, custom-tuned by B&O PLAY, captivate your family with immersive entertainment.
HP	Envy All-in-One (27se) (b120qd) (b005xt touch) (b015qe touch) (27-b135t) (27-b145se) (27-b155qd)	Quad speakers Turn your home into a cinematic experience with HP quad speakers custom-tuned in collaboration with audio experts at Bang & Olufsen, combined with a brilliant QuadHD display.
Lenovo	IdeaCentre AIO 910 27"	Stereo speakers Put yourself in the middle of the action and take home entertainment to the next level. The 910 comes equipped with powerful Harmon/Kardon® speakers and subwoofer with Dolby® Home® Theatre. "Lenovo also found room for twin 5W Harmon Kardon stereo speakers"
Lenovo	IdeaCentre AIO Y910 27"	Two 5W Harmon Kardon speakers 7.1 channel Dolby Audio (Note that this is a reference to the sound card's capability and not the number of speakers in the AIO)

Brand	Model	Speaker info
Lenovo	Yoga Home 900	Stereo speakers 2 x 2.5W speakers
Microsoft	Surface Studio	Stereo 2.1 speakers with Dolby Audio Premium

Figure 1: Speaker info. All links and data current as of 04/23/2017.

ABOUT PRINCIPLED TECHNOLOGIES

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