

COMPARISON OF 27-INCH ALL-IN-ONE DESKTOPS

We compared the Dell™ XPS 27 (7760) all-in-one desktop to others in its class from vendors including Apple®, 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 02/14/2017 (click on model names to follow them) and report only what each vendor disclosed on their sites. Dell provided us with information about the Dell XPS 27 all-in-one.

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

Brand	Model	Speaker info
Dell	XPS 27 - 2720	Integrated 5.1 with WAVES MAXXAudio 4 Amazing sound: Premium speakers and Grammy Award-winning Waves Maxx Audio® 4 audio-processing technology combine to deliver deep, rich sound with an expanded stereo field.
Apple	27-inch iMac with Retina 5K display	Stereo speakers
HP	Pavilion All-in-One Desktop (27-a040se) (27-a050qd) (27-a020xt) (27-a030qe) (27-a030 touch) (27-a010 touch)	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) (b010tse touch) (b020qe touch)	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.



Brand	Model	Speaker info
Lenovo	IdeaCentre AIO 910 27"	<p>Stereo speakers</p> <p>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.</p> <p>"Lenovo also found room for twin 5W Harmon Kardon stereo speakers"</p>
Lenovo	IdeaCentre AIO Y910 27"	<p>Two 5W Harmon Kardon speakers</p> <p>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)</p>
Lenovo	Yoga Home 900	<p>Stereo speakers</p> <p>2 x 2.5W speakers</p>
Microsoft	Surface Studio	Stereo 2.1 speakers with Dolby Audio Premium

Figure 1: Speaker info. All links and data current as of 02/14/2017.

ABOUT PRINCIPLED TECHNOLOGIES



Principled Technologies, Inc.
1007 Slater Road, Suite 300
Durham, NC, 27703
www.principledtechnologies.com

We provide industry-leading technology assessment and fact-based marketing services. We bring to every assignment extensive experience with and expertise in all aspects of technology testing and analysis, from researching new technologies, to developing new methodologies, to testing with existing and new tools.

When the assessment is complete, we know how to present the results to a broad range of target audiences. We provide our clients with the materials they need, from market-focused data to use in their own collateral to custom sales aids, such as test reports, performance assessments, and white papers. Every document reflects the results of our trusted independent analysis.

We provide customized services that focus on our clients' individual requirements. Whether the technology involves hardware, software, Web sites, or services, we offer the experience, expertise, and tools to help our clients assess how it will fare against its competition, its performance, its market readiness, and its quality and reliability.

Our founders, Mark L. Van Name and Bill Catchings, have worked together in technology assessment for over 20 years. As journalists, they published over a thousand articles on a wide array of technology subjects. They created and led the Ziff-Davis Benchmark Operation, which developed such industry-standard benchmarks as Ziff Davis Media's Winstone and WebBench. They founded and led eTesting Labs, and after the acquisition of that company by Lionbridge Technologies were the head and CTO of VeriTest.

Principled Technologies is a registered trademark of Principled Technologies, Inc.
All other product names are the trademarks of their respective owners.

Disclaimer of Warranties; Limitation of Liability:

PRINCIPLED TECHNOLOGIES, INC. HAS MADE REASONABLE EFFORTS TO ENSURE THE ACCURACY AND VALIDITY OF ITS TESTING, HOWEVER, PRINCIPLED TECHNOLOGIES, INC. SPECIFICALLY DISCLAIMS ANY WARRANTY, EXPRESSED OR IMPLIED, RELATING TO THE TEST RESULTS AND ANALYSIS, THEIR ACCURACY, COMPLETENESS OR QUALITY, INCLUDING ANY IMPLIED WARRANTY OF FITNESS FOR ANY PARTICULAR PURPOSE. ALL PERSONS OR ENTITIES RELYING ON THE RESULTS OF ANY TESTING DO SO AT THEIR OWN RISK, AND AGREE THAT PRINCIPLED TECHNOLOGIES, INC., ITS EMPLOYEES AND ITS SUBCONTRACTORS SHALL HAVE NO LIABILITY WHATSOEVER FROM ANY CLAIM OF LOSS OR DAMAGE ON ACCOUNT OF ANY ALLEGED ERROR OR DEFECT IN ANY TESTING PROCEDURE OR RESULT.

IN NO EVENT SHALL PRINCIPLED TECHNOLOGIES, INC. BE LIABLE FOR INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES IN CONNECTION WITH ITS TESTING, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. IN NO EVENT SHALL PRINCIPLED TECHNOLOGIES, INC.'S LIABILITY, INCLUDING FOR DIRECT DAMAGES, EXCEED THE AMOUNTS PAID IN CONNECTION WITH PRINCIPLED TECHNOLOGIES, INC.'S TESTING. CUSTOMER'S SOLE AND EXCLUSIVE REMEDIES ARE AS SET FORTH HEREIN.
