

## COMPARISON OF 15-INCH-CLASS 2-IN-1 LAPTOPS

We compared the Dell™ XPS™ 15 2-in-1 to others in its class from vendors including Acer®, ASUS®, HP, Lenovo®, Microsoft®, and Samsung®. Each system has a 15.6-inch screen unless otherwise noted. The tables below compare the systems using publicly available data. Click a system's name to visit its page on the vendor's website. We gathered this data at the links provided on 04/12/2018 and report only what each vendor disclosed on their site.

According to vendor-provided data, the new Dell XPS 15 2-in-1:

- is the thinnest 15-inch 2-in-1 laptop
- is the smallest 15.6-inch 2-in-1 laptop

Brand	Model	Screen size	Thickness (inches)	Dimensions (inches)	Total area (in <sup>2</sup> )
Dell	<a href="#">XPS 15 2-in-1</a>	15.6	0.35 - 0.63	13.90 x 09.30	129.27
Acer	<a href="#">Nitro 5 Spin (NP515-51-56DL)</a>	15.6	0.70	15.02 x 10.16	152.6
Acer	<a href="#">Nitro 5 Spin (NP515-51-80XS)</a> <a href="#">(NP515-51-887W)</a>	15.6	0.70	15.02 x 10.16	152.6
Acer	<a href="#">Aspire R15 (R5-571T-57Z0)</a>	15.6	0.79	14.59 x 10.09	147.21
Acer	<a href="#">Aspire R15 (R5-571TG-7229)</a>	15.6	0.79	14.59 x 10.09	147.21
Acer	<a href="#">Aspire R15 (R5-571TG-57YD)</a>	15.6	0.79	14.59 x 10.09	147.21
Acer	<a href="#">Aspire R15 (R5-571TG-51A3)</a>	15.6	0.79	14.59 x 10.09	147.21



Brand	Model	Screen size	Thickness (inches)	Dimensions (inches)	Total area (in <sup>2</sup> )
Acer	<a href="#">Spin 5 (SP515-51GN-807G)</a>	15.6	0.70	15.02 x 10.16	152.6
Acer	<a href="#">Spin 3 (SP315-51-37E7)</a> <a href="#">(SP315-51-79NT)</a> <a href="#">(SP315-51-73UG)</a> <a href="#">(SP315-51-37UY)</a>	15.6	0.89	15.02 x 09.88	148.39
ASUS	<a href="#">VivoBook Flip 15 (TP510UA)</a>	15.6	0.74	14.40 x 09.70	139.68
HP	<a href="#">Envy x360 Convertible Laptop - 15t</a>	15.6	0.77	14.16 x 09.80	138.76
HP	<a href="#">Envy x360 Convertible Laptop - 15t</a>	15.6	0.74	14.96 x 09.84	147.2
HP	<a href="#">Envy x360 Convertible Laptop - 15z touch</a>	15.6	0.77	14.16 x 09.80	138.76
HP	<a href="#">Envy x360 Convertible Laptop - 15 (bp152nr)</a>	15.6	0.77	14.16 x 09.80	138.76
HP	<a href="#">Spectre x360 Convertible Laptop - 15t</a>	15.6	0.70	14.00 x 09.88	138.32
HP	<a href="#">Spectre x360 Convertible Laptop - 15 (bl152nr)</a>	15.6	0.70	14.00 x 09.88	138.32
HP	<a href="#">Pavilion x360 Convertible Laptop - 15t</a>	15.6	0.84	14.87 x 09.68	143.94
Lenovo	<a href="#">IdeaPad Flex 5</a>	15.6	0.80	14.30 x 09.80	140.14
Lenovo	<a href="#">Yoga 720</a>	15.6	0.75	14.30 x 09.50	135.85

Brand	Model	Screen size	Thickness (inches)	Dimensions (inches)	Total area (in <sup>2</sup> )
Microsoft	<a href="#">Surface Book 2</a>	15	0.568 - 0.90	13.50 x 09.87	133.25
Samsung	<a href="#">Notebook 7 spin (NP740U5M-X02US)</a> <a href="#">(NP740U5M-X01US)</a>	15.6	0.78	14.74 x 10.11	149.02
Samsung	<a href="#">Notebook 9 Pro (NP940X5M-X01US)</a>	15	0.67	13.67 x 09.41	128.63
Samsung	<a href="#">Notebook 9 Pro (NP940X5M-X03US)</a>	15	0.67	13.66 x 09.41	128.54

Figure 1: Dimensional information. All links and data current as of 04/05/2018.

## ABOUT PRINCIPLED TECHNOLOGIES



Principled Technologies, Inc.  
1007 Slater Road, Suite 300  
Durham, NC, 27703  
[www.principledtechnologies.com](http://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.

---