

# ThinkPad X1 ACTIVE NOISE CANCELLATION HEADPHONES



## HEAR AND BE HEARD LIKE NEVER BEFORE WITH X1 ANC HEADPHONES

The Lenovo™ ThinkPad X1 headphones provide rich, first-class listening and calling in any noise environment. Lenovo has partnered with Synaptics AudioSmart® to create industry-leading headphones with Hybrid ANC and ENC noise cancellation, adjustable on-the-fly. Native voice assistant support, and a foldable lightweight construction complement the audio experience – in a package that screams luxury.



### WHY YOU NEED THE X1 ANC HEADPHONES



#### ◀ Don't let noise decide

Enjoy world-class call quality delivered via six boomless mics with environmental noise cancellation (ENC) technology that reduces irritating background noise.



#### ◀ Rich audio. All day.

Achieve undisturbed focus, anytime, with active noise-canceling technology that intelligently mirrors and mutes noises and distractions around you.



#### ◀ Look like a winner

At 200 g and with true fold-flat engineering, the X1 fits everywhere and conveys luxury, with silicone leather, premium plastics, and an elegant metal finish.

Lenovo™

# ThinkPad X1 ACTIVE NOISE CANCELLATION HEADPHONES

## SPECIFICATIONS

Headphone	<b>Headset Driver</b>	: 40 mm	
	<b>Frequency Range</b>	: 20 Hz - 20 kHz	
	<b>Impedance</b>	: 32Ω	
	<b>Max. Input Power</b>	: 30 mW	
	<b>Sensitivity (SPL)</b>	: >111 dBm ± 3 dBm	
	<b>THD+N at -3 dBFS</b>	: -77 dB	
	<b>Dynamic Range</b>	: 110 dB	
	<b>Battery Support</b>	: 15 Hours (Playback); 20 Hours (with ANC off)	
	<b>Battery Charge Time</b>	: <2 Hours	
Microphone	<b>THD+N at -3 dBFS</b>	: -85 dB	
	<b>Dynamic Range</b>	: 95 dB	
	<b>Frequency</b>	: 50 Hz - 8 kHz	
	<b>Active Noise Cancellation (ANC)</b>	: Analog ANC, Up to -30 dB, 4 x Microphones	
	<b>Supports ANC Off/Level 1/Level 2</b>	: Level 1 = -20 dB; Level 2 = -30 dB	
	<b>Environment</b>	: 2 x Dedicated	
	<b>Noise Control (ENC)</b>	: Digital Microphones	
	<b>Noise Suppression</b>	: Up to 45 dB	
	<b>Signal-to-noise Ratio (SNR) Improvement</b>	: Up to 19 dB	
	<b>Interface</b>	Bluetooth® 5.0, USB-C (USB-C Digital Audio Standard)	
<b>Bluetooth® Profile</b>	A2DP, HFP, AVRCP		
<b>Bluetooth® Audio Format Support</b>	SBC / AAC / aptX / aptXLL / HPI.7 / mSBC		
Cable Length	<b>USB-C to USB-C</b>	: 1.3 m Braided Cable	
	<b>USB-C to USB-A</b>	: 1.3 m Rubber Cable	
<b>Headphone Type</b>	On-Ear Design, Fold-Flat Engineering		
<b>Microphone Type</b>	Boomless		
<b>Weight</b>	Starting at 0.43 lbs (195 g)		
<b>Supported OS</b>	<ul style="list-style-type: none"> <li>• Windows 10</li> <li>• Android™ 8.0 or later</li> <li>• iOS 10.0 or later</li> </ul>		
<b>Ship Group (What's in the Box)</b>	<ul style="list-style-type: none"> <li>• ThinkPad X1 ANC Headphone</li> <li>• Carrying Case</li> <li>• 1.3 m USB-C to USB-C Braided Cable</li> <li>• 1.3 m USB-C to USB-A Rubber Cable</li> <li>• Warranty</li> <li>• Instruction Manual</li> </ul>		
	<b>Part Number (PN)</b>	TBD	
	<b>Warranty</b>	1 Year	



## [accsmartfind.lenovo.com](https://accsmartfind.lenovo.com)

Lenovo reserves the right to alter product offerings and specifications at any time, without notice. Lenovo makes every effort to ensure accuracy of all information but is not liable or responsible for any editorial, photographic, or typographic errors. All images are for illustration purposes only. For full Lenovo product, service, and warranty specifications, visit [www.lenovo.com](http://www.lenovo.com). Lenovo makes no representations or warranties regarding third-party products or services. **Trademarks:** The following are trademarks or registered trademarks of Lenovo: Lenovo, the Lenovo logo, Rescue and Recovery, ThinkPad, ThinkCentre, ThinkStation, ThinkServer, ThinkVantage, and ThinkVision. Other company, product, and service names may be trademarks or service marks of others. Battery life (and recharge times) will vary based on many factors, including system settings and usage. Visit [www.lenovo.com/lenovo/us/en/safecomp/](http://www.lenovo.com/lenovo/us/en/safecomp/) periodically for the latest information on safe and effective computing. ©2019 Lenovo. All rights reserved.

Lenovo™