

# 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™

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## 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	
<b>Cable Length</b>	<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	



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