

Lenovo  
**ThinkPad**

# ThinkPad Dual-Mode Wireless ANC Foldable Headset 8550 (Aura Edition) AI Enabled

Performance that folds. Power that lasts.

*SOUND BY*  
**BOSE**

 Certified for  
Microsoft Teams

Smarter  
technology  
for all

**Lenovo**



reddot winner 2025

GOOD DESIGN  
AWARD 2025



DESIGN  
AWARD  
2026



## Overview

Certified by Microsoft Teams for open office ThinkPad Dual-Mode Wireless ANC Foldable Headset 8550 (Aura Edition) redefines best-in-class portable headset for hybrid work, featuring a foldable, lightweight design that's effortless to carry anywhere. Adaptive hybrid ANC and AI-powered ENC keep distractions at bay, letting you enjoy crystal-clear calls and immersive sound for next-level focus. Sound by Bose technology delivers expertly tuned audio for both calls and music. Connect with tap or via Bluetooth® Receiver—productivity on the move has never been this seamless.

## Target Audience

Audio Enthusiasts | Modern Professionals | Mobile Pro

## Key Features



### Sound by Bose Technology

Immerse yourself in a soundscape expertly crafted with Sound by Bose technology. The audio delivers a signature balance of exceptional clarity and natural warmth—bringing voices, tones, and details into sharp, emotional focus. Speech sounds natural and consistent, while subtle nuances are clearly preserved. Every moment sounds rich, precise, and deeply engaging, delivering a high-fidelity experience that stays perfectly balanced in any environment.



### Designed to move

Sleek. Lightweight. Foldable. This headset is made to move with you. Its ergonomic frame is designed for all-day wear, while replaceable earcups extend its life, ensuring comfort that lasts far beyond the first use.



### Conversations, perfected

With Environmental Noise Cancellation, your voice is delivered with sharp clarity no matter the environment. Certified by Microsoft Teams for open office, you'll enjoy smooth integration, quick controls, and communication you can trust.



### Stay immersed, always

Adaptive hybrid ANC let you silence distractions at will, so focus becomes effortless. Crafted for an immersive soundscape, this product delivers a superior auditory experience.



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# Specification

## Performance

### SPEAKERS

<b>Driver</b>	: 28 mm
<b>Maximum Input Power</b>	: 20 mW
<b>Sensitivity</b>	: 120 dB @ 1 mW, 1 kHz
<b>Frequency</b>	: 20 Hz - 20 kHz
<b>Bandwidth (Playback Mode)</b>	: 20 Hz - 20 kHz
<b>Bandwidth (Call Mode, Bluetooth® Connection)</b>	: 100 Hz - 8 kHz (Wideband)
<b>Bandwidth (Call Mode, Dongle Connection)</b>	: 100 Hz - 16 kHz (Super Wideband)
<b>Impedance</b>	: 16Ω

### MICROPHONE

<b>Number of Microphone</b>	: 5 (3 for ENC, 4 for ANC)
<b>Frequency</b>	: 20 Hz - 20 kHz
<b>Bandwidth (Call Mode, Bluetooth® Connection)</b>	: 100 Hz - 8 kHz (Wideband)
<b>Bandwidth (Call Mode, Dongle Connection)</b>	: 100 Hz - 16 kHz (Super Wideband)
<b>Sensitivity</b>	: 1 x Unidirectional Mic (-42dBV/Pa) 4 x Omnidirectional Mics (-38dBV/Pa)

### NOISE CANCELLATION

#### Environmental Noise Cancellation (ENC)

AI-powered ENC with Speech Distractor Attenuation

#### Active Noise Cancellation (ANC)

Adaptive Hybrid ANC (Low/Mid/High/Adaptive Switch in LADM)

### BATTERY

<b>Music</b>	: Up to 51 Hours (ANC Off) Up to 33 Hours (ANC On)
<b>Talk</b>	: Up to 24 Hours (ANC/Busy light Off) Up to 20 Hours (ANC/Busy light On)
<b>Fully Charge Time</b>	: 2 Hours
<b>Quick Charge</b>	: Charge 5 min for 2 Hours Playback

## Connectivity

### BLUETOOTH®

Bluetooth® 5.3 (Connect to two Bluetooth® devices simultaneously)  
8 Bluetooth® devices saved, USB-C or USB-A Bluetooth® Receiver



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## Design

### DIMENSION (W x D x H)

<b>Packed (mm)</b>	: 165 x 187 x 56
<b>(in)</b>	: 6.50 x 7.36 x 2.20

### WEIGHT

<b>Headset Only</b>	: -153 g (0.34 lbs)
<b>Packed</b>	: -554 g (1.22 lbs)

### CONTROLS ON HEADSET

#### Physics Button

Power On/Off, Bluetooth® Pairing (Switch), Teams Button, ANC Button, Call, Answer/End/Reject/Hold/Switch, Microphone Mute/Unmute, Multi-function Button

#### Touch Panel

Volume +/-, Media Control (Play/Pause/Next Song/Last Song)

### LED INDICATION

#### Headset LED

Call Status, Bluetooth® Status, Battery Status, Teams Status

#### Bluetooth® Audio Receiver LED

Call Status, Bluetooth® Status, Mute/Unmute Status

## Information

### PART NUMBER (PN) SKUs

<b>4XD1T60925</b>	: Headset with USB-C dongle
<b>4XD1V23301</b>	: Headset with USB-A dongle
<b>4XH1T93138</b>	: Replaceable Earcup

### OS SUPPORT

Windows, MacOS, Android™, and iOS

### CERTIFIED UC PLATFORMS

Certified for Teams, and optimized for Zoom, Google Meet (Hangout), BlueJeans, Amazon Chime, Google Voice, Slack, Cisco Webex, GoTo Meeting, QQ, WeChat

### WARRANTY

3 Years Limited Warranty

### SHIP GROUP (WHAT'S IN THE BOX)

Headset with USB-A or USB-C Audio Receiver, 1.3 m USB-C to USB-C Cable, Pouch, Warranty Document, Quick Start Manual

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Get the most out of your latest  
Lenovo device information via  
[Lenovo.com](http://Lenovo.com) OR [Microsoft Store](http://Microsoft Store).



## What's in the Box

Headset



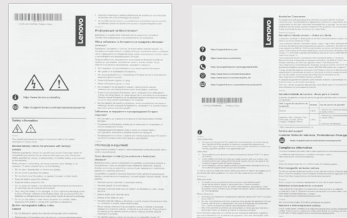
USB-C Cable  
with USB-A/USB-C  
Audio Receiver



Pouch



Quick Start Manual



Warranty Document



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