

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

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

MICROPHONE

Number of Microphone	: 5 (3 for ENC, 4 for ANC)
Frequency	: 20 Hz - 20 kHz
Bandwidth (Call Mode, Bluetooth® Connection)	: 100 Hz - 8 kHz (Wideband)
Bandwidth (Call Mode, Dongle Connection)	: 100 Hz - 16 kHz (Super Wideband)
Sensitivity	: 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

Music	: Up to 51 Hours (ANC Off) Up to 33 Hours (ANC On)
Talk	: Up to 24 Hours (ANC/Busy light Off) Up to 20 Hours (ANC/Busy light On)
Fully Charge Time	: 2 Hours
Quick Charge	: 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)

Packed (mm)	: 165 x 187 x 56
(in)	: 6.50 x 7.36 x 2.20

WEIGHT

Headset Only	: -153 g (0.34 lbs)
Packed	: -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

4XD1T60925	: Headset with USB-C dongle
4XD1V23301	: Headset with USB-A dongle
4XH1T93138	: 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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