

# Lenovo ThinkPad X1 Carbon GEN 8

For executives and technology enthusiasts seeking the thinnest, lightest, commercial 14-inch ultrabook device on the market, the ThinkPad X1 Carbon Gen 8 delivers. But now it also delivers greater performance—in areas like instant action, battery life, and more—as one of Lenovo's first Intel® Athena Certified laptops.

In addition to the security and portability that you expect, the ThinkPad X1 Carbon Gen 8 takes productivity to new levels with the ability to wake from sleep in less than one second and be able to browse the web a second later. From extended video playback to faster charging, the ThinkPad X1 Carbon Gen 8 continues to offer smarter technology for people on-the-go.

Smarter  
technology  
for all

Lenovo



# Lenovo ThinkPad X1 Carbon Gen 8



## SMARTER SECURITY

With an updated suite of ThinkShield security solutions built in, the ThinkPad X1 Carbon Gen 8 keeps your data and your device protected. These include dTPM 2.0 chip, Match on Chip, Touch Fingerprint Reader, and ThinkPad PrivacyGuard with PrivacyAlert.<sup>1</sup>



## NEW FEATURES AT YOUR FINGERTIPS

The ThinkPad X1 Carbon Gen 8 enables you to conference in from anywhere with new Unified Communications functions on the F9 through F11 keys that enable you to make calls directly from your laptop with the touch of a button.



## FOR YOUR EYES ONLY

Choose a best-in-class Dolby® Vision™ display that offers a vivid viewing experience like almost no other. Or choose an improved, 500nit FHD PrivacyGuard screen,<sup>1</sup> which offers a better viewing experience for you while preventing onlookers from seeing your data.



## SOUNDS BETTER ALL AROUND

The Dolby® Atmos® Speaker System includes two upward-firing tweeters and two downward-firing woofers to create an immersive sound experience you can appreciate for work and for play.



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## responsiveness

The ThinkPad X1 Carbon Gen 8 features “always on” responsiveness that allows you to resume working within less than a second of opening the lid.

## security

Enhanced ThinkShield features and an improved PrivacyGuard screen<sup>1</sup> keep your machine secure from manufacturing through its entire lifecycle.

## productivity

Rapid Charge technology that charges the battery from zero to 80% in one hour ensures productivity independent from the plug.<sup>2</sup>

<sup>1</sup>Optional

<sup>2</sup>Based on testing with MobileMark 2014. Battery life varies significantly with settings, usage, and other factors.



## performance

### PROCESSOR

Up to 10<sup>th</sup> Generation Intel® Core™ U i7 vPro Processors  
Optional 6 Core™ i7



### OPERATING SYSTEM

Up to Windows 10 Pro

### GRAPHICS

Integrated Intel® UHD Graphics 620

### CAMERA

HD + IR camera with ThinkShutter

### MEMORY

Up to 16GB LPDDR3

### STORAGE

Up to 2TB PCIe SSD

### BATTERY

Up to 13.5 hours<sup>2</sup> on non-vPro, 51Whr battery (MM18)  
(Up to 19.5 hours MM14)

### AC ADAPTER

Up to Type-C 65W (supports Rapid Charge)

### AUDIO

Dolby® Atmos® Speaker System  
4x 360-degree Microphones

## design

### DISPLAY

14" FHD IPS (400nit)  
14" FHD IPS Touch (400nit)  
14" FHD IPS PrivacyGuard Touch (500nit)  
14" WQHD IPS (300nit)  
14" HDR400 LP UHD IPS (500nit) 10bit

### DIMENSIONS (W x D x H)

323 x 218 x 14.9 mm  
12 x 8.5 x 0.59 inches

### WEIGHT

Starting at 1.09kg/2.40lbs.

### KEYBOARD

Backlit keyboard with new UC functions for F9-F11

### COLORS

Black  
Black with Carbon Fiber Top Cover<sup>1</sup>

## security

Match on Chip Touch  
Fingerprint Reader  
dTPM 2.0 chip  
ThinkShutter camera cover

ThinkPad PrivacyGuard<sup>1</sup>  
ThinkPad PrivacyAlert<sup>1</sup>  
Kensington™ lock slot

## connectivity

### INPUT/OUTPUT PORTS

2x Thunderbolt™ 3  
2x USB 3.1 Type A  
1x HDMI 1.4  
1x Audio (headphone and microphone combo jack)

### WIFI

WiFi 6 WLAN 802.11 AX  
LTE CAT9 and 16<sup>1</sup>  
Bluetooth® 5.0

### NFC

Yes<sup>1</sup>

### DOCKING

Thunderbolt™ 3  
USB 3.0 Dock  
Side mechanical dock

## optional services

Lenovo offers a comprehensive portfolio of services to support and protect your ThinkPad investment—so you can focus on your work, not your IT.

### PREMIER SUPPORT

Provides direct access to skilled and experienced Lenovo technicians offering comprehensive hardware and software support. Gives you a consistent point of contact within Lenovo to ensure that your case resolution is professionally managed from start to finish.

### ACCIDENTAL DAMAGE PROTECTION (ADP)

Prevents the hassles of unexpected repair costs. Provides coverage for non-warranted damage incurred under normal operating conditions, such as minor spills, drops, or damage to the integrated screen.

### WARRANTY EXTENSION (1-YEAR BASE, UP TO 3 YEARS TOTAL)

This fixed-term, fixed-cost service helps you accurately budget for PC expenses, protect your valuable investment, and lower the cost of ownership over time.

<sup>1</sup>Optional

<sup>2</sup>Battery life claims are based on results using both MobileMark 2014 and MobileMark 2018 benchmark tests. Actual battery life will vary and depends on usage and configurations.

## accessories



### THINKPAD X1 PRESENTER MOUSE PN: 4Y50U45359

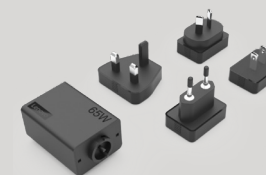
With one twist, this award-winning ergonomic mouse becomes a virtual gyro laser presenter that enables you to control presentations using intuitive buttons as well as highlight and magnify options. Pair it with multiple devices using dual-mode 2.4G wireless or Bluetooth® 5.0. Its integrated rechargeable battery ensures up to 2 months use on a single two-hour charge.



### THINKPAD X1 ACTIVE NOISE CANCELLATION HEADPHONES

PN: 4XDOU47635

These lightweight and stylish headphones provide professional conferencing sound quality with ANC/ENC settings. Connect or charge via USB Type-C or Bluetooth® 5.0.



### LENOVO 65W USB-C AC TRAVEL ADAPTER PN: N/A

This ultra-portable and lightweight AC travel adapter kit offers USB Type-C charging options for smartphones and laptops. It features a detachable, twist-and-lock design and includes plugs for US, AU, EU, and UK travel.

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