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 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.\(^1\)

**NEW FEATURES AT YOUR FINGERTIPS**
The ThinkPad X1 Carbon Gen 8 enables you to conference in from anywhere with new UC 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,\(^1\) 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\(^1\) 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.\(^2\)

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\(^1\)Optional
\(^2\)Based on testing with MobileMark 2014. Battery life varies significantly with settings, usage, and other factors.
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**performance**

**PROCESSOR**
Up to 10th Generation Intel® Core™ i7 vPro Processors

**OPERATING SYSTEM**
Up to Windows 10 Pro

**GRAPHICS**
Integrated Intel® UHD Graphics 620

**MEMORY**
Up to 16GB LPDDR3

**STORAGE**
Up to 2TB PCIe SSD

**BATTERY**
Up to 18.5 hours² on non-vPro, 51Whr battery

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

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

**DISPLAY**
14" WQHD IPS (300nit)
14" FHD IPS PrivacyGuard Touch AG (500nit)
14" FHD IPS (400nit)

**DIMENSIONS (W X D X H)**
323 x 218 x 14.9 mm

**WEIGHT**
Starting at 1.09kg/2.40lbs.

**KEYBOARD**
Backlit keyboard with new UC functions for F9-F11

**COLORS**
Black with Carbon Fiber Top Cover

**security**

**PROCESSOR**
Match on Chip Touch

**FINGERPRINT READER**
Fingerprint Reader
dTPM 2.0 chip

**THINKSHUTTER CAMERA COVER**
ThinkShutter camera cover

**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.

**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: 4XD0U47635

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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