



## BUSINESS DEVICES THAT ARE A CLASS APART



The ultimate device for any mobile worker or executive, ThinkPad X1 Series combines the latest productivity and security technologies with sleek and lightweight designs.

# ThinkPad X1 Carbon Gen 9

Smarter  
technology  
for all

Lenovo

Redesigned for an even better user experience, this powerhouse of a laptop delivers an array of improvements for the end user such as a 16:10 display, wider touchpad, larger battery, and rear venting—all while remaining ultrathin and ultralight. Certified by Intel Evo, this 11th Gen Intel i7 Core powered device delivers excellent responsiveness and readiness for tackling any task throughout the day. WiFi 6 communication and optional 5G ensure anytime, anywhere connectivity.

## REASONS TO BUY

Data and device stays safe with a slew of security features, including the power-on touch fingerprint reader and optional human presence detection. Users can not only boot up and login at once but also ensure privacy from prying eyes.

With a host of docking options, including Thunderbolt 4, USB-C and USB 3.0 docks, users can connect to multiple peripherals as well as experience faster downloads and quick file transfers.

Minimal preloaded applications mean maximum battery life and responsiveness for users, and faster deployment for IT admins.



# ThinkPad X1 Carbon Gen 9

## KEY SPECIFICATIONS

|                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Processor        | Up to 11th Gen Intel Core i7 processor                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Operating System | Powered by Windows 10 Pro                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Display          | 14.0" low blue light screen, UHD+ (3840x2400), IPS, 1500:1 contrast ratio, 100% DCI-P3 colour gamut, 500 nits<br>14.0" low power PrivacyGuard screen, FHD+ (1920x1200), IPS, 1000:1 contrast ratio, 100% sRGB colour gamut, 500 nits (touch)<br>14.0" low power and low blue light screen, FHD+ (1920x1200), IPS, 1000:1 contrast ratio, 100% sRGB colour gamut, 400 nits (touch)<br>14.0" low power and low blue light screen, FHD+ (1920x1200), IPS, 1000:1 contrast ratio, 100% sRGB colour gamut, 400 nits |
| Touchscreen      | Touchscreen on PrivacyGuard or regular FHD+ screen                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Graphics         | Intel Iris Xe graphics in processor                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Memory           | Up to 32GB LPDDR4x-4266                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Storage          | Up to 2TB M.2 PCIe NVMe SSD                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Audio            | Stereo speakers, 2W x2 and 0.8W x2, Dolby® Atmos®<br>Four array microphones, 360° far-field                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Battery†         | Up to 16.7hrs (57W/hr)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Power Adapter    | One of the following<br>45W USB-C (2-pin)<br>45W USB-C (3-pin)<br>65W USB-C (2-pin)<br>65W USB-C (3-pin)<br>65W USB-C Slim (2-pin)<br>65W USB-C Slim (3-pin)                                                                                                                                                                                                                                                                                                                                                   |
| Camera           | One of the following<br>720p with Privacy Shutter<br>IR & 720p with Privacy Shutter                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Keyboard         | Spill-resistant, backlit, Unified Communication keys                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Dimensions       | 315 x 221.6 x 14.9 mm (12.4 x 8.72 x 0.59 inches)                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Weight           | 1.133 kg (2.49lbs)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |

## GREEN CERTIFICATIONS

EPEAT Gold, Energy Star 8.0

## CONNECTIVITY

|                  |                                                                                                                                                                                                                                                            |
|------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| I/O Ports        | 1x USB 3.2 Gen 1, 1x USB 3.2 Gen 1 (Always On), 2x Thunderbolt 4 / USB4™ 40Gbps (support data transfer, Power Delivery 3.0 and DisplayPort™ 1.4a), 1x HDMI 2.0, 1x headphone / microphone combo jack (3.5mm), optional 1x Nano-SIM card slot (WWAN models) |
| WLAN + Bluetooth | Intel AX201 11ax, 2x2 + BT5.2                                                                                                                                                                                                                              |
| WWAN             | Optional                                                                                                                                                                                                                                                   |
| NFC              | Optional                                                                                                                                                                                                                                                   |
| Docking          | Compatible with Thunderbolt 4/USB-C docking solutions                                                                                                                                                                                                      |

## SECURITY & PRIVACY

Fingerprint Reader  
IR Camera with Windows Hello  
ThinkPad PrivacyAlert  
ThinkPad PrivacyGuard screen  
Power-on Touch Fingerprint Reader  
dTPM 2.0 chip  
Webcam privacy shutter  
Optional ThinkPad PrivacyGuard  
Kensington™ lock slot

## MANAGEABILITY

Intel vPro, DASH (optional)

# Recommended for this device



## ThinkPad X1 Active Noise Cancellation Headphones

Ambient & electronic noise cancellation, integrated boom-less mic for calls  
Bluetooth 5.0 connectivity with USB-C charging in under 3 hours  
Lightweight 214g (0.47lbs) design with memory foam ear cups



## ThinkPad X1 Leather Sleeve

Thin design to complement ThinkPad X1 Carbon or Yoga  
Black leather with soft-touch grey microfiber interior and magnetic closure  
Convenient storage loop for pen or style and rear pocket for accessories



## Premier Support

Talk directly with advanced technical support agents  
Support for software & hardware  
Next business day onsite repairs

Information presented here may represent the maximum possible configurations for this product, but it does not necessarily reflect what is available in your region. Please ask your rep or check the specifications for specific Part Numbers in your region. † Based on testing with MobileMark 2014. Battery life varies significantly with settings, usage, and other factors. © 2020 Lenovo. Products are available while supplies last. Lenovo is not responsible for photographic or typographic errors. Lenovo, the Lenovo logo, ThinkPad, ThinkCentre, ThinkBook, ThinkStation and ThinkVision are trademarks or registered trademarks of Lenovo. 3rd party product and service names may be trademarks of others. Depending on factors such as the processing capability of peripheral devices, file attributes, system configuration and operating environments, the actual data transfer rate of USB connectors will vary and is typically slower than published standards.