

# ThinkPad X1 Carbon Gen 9 20XW008BRI

## PSREF Product Specifications Reference

### PERFORMANCE

#### Processor

Intel® Core™ i7-1165G7 (4C / 8T, 2.8 / 4.7GHz, 12MB)

#### Graphics

Integrated Intel Iris® Xe Graphics

#### Chipset

Intel SoC Platform

#### Memory

16GB Soldered LPDDR4x-4266

#### Memory Slots

Memory soldered to systemboard, no slots, 8-channel

#### Max Memory

16GB soldered memory, not upgradable

#### Storage

512GB SSD M.2 2280 PCIe 4.0x4 Performance NVMe Opal2

#### Storage Support

One drive, up to 2TB M.2 2280 SSD

#### Optical

None

#### Audio Chip

High Definition (HD) Audio, Realtek® ALC3306 codec

#### Speakers

Stereo speakers, 2W x2 and 0.8W x2, Dolby® Atmos®

#### Camera

720p + IR with Privacy Shutter

#### Microphone

4x, Array

#### Battery

Integrated 57Wh

#### Max Battery Life

MobileMark® 2014: 21.3 hr

MobileMark 2018: 16.7 hr

JEITA 2.0: 26.0 hr

#### Power Adapter

65W USB-C Slim

### DESIGN

#### Display

14" WUXGA (1920x1200) IPS 400nits Anti-glare

#### Touchscreen

None

#### Keyboard

Backlit, English (EU)

#### Case Color

Black, Paint

#### Case Material

Carbon Fiber (Top), Magnesium Alloy (Bottom)

#### Dimensions (WxDxH)

315 x 221.6 x 14.9 mm (12.4 x 8.72 x 0.59 inches)

#### Weight

1.133 kg (2.49 lbs)

### SOFTWARE

#### Operating System

Windows® 10 Pro 64, Romanian / English

#### Bundled Software

None

### CONNECTIVITY

#### Ethernet

100/1000M via Optional Adapter

#### WLAN + Bluetooth™

Intel AX201 11ax, 2x2 + BT5.2

#### WWAN

Quectel EM120R-GL with embedded eSIM

#### SIM Card

None

#### NFC

NFC

#### Standard Ports

- 1x USB 3.2 Gen 1
- 1x USB 3.2 Gen 1 (Always On)
- 1x headphone / microphone combo jack (3.5mm)
- 1x HDMI® 2.0
- 2x Thunderbolt™ 4 / USB4™ 40Gbps (support data transfer, Power Delivery 3.0 and DisplayPort™ 1.4a)

#### Optional Ports (configured)

1x Nano-SIM card slot (WWAN models)

#### Monitor Cable

None

### SECURITY & PRIVACY

#### Smart Card Reader

None

#### Security Chip

Discrete TPM 2.0

#### Fingerprint Reader

Touch Style, Match-on-Chip

#### Physical Locks

Kensington® Nano Security Slot

#### Other Security

- IR camera for Windows® Hello
- Camera privacy shutter

### MANAGEABILITY

#### System Management

None

### SERVICE

#### Base Warranty

3-year, Depot

#### Included Upgrade

None

### ACCESSORIES

#### Bundled Accessories

None

### CERTIFICATIONS

#### Green Certifications

- ENERGY STAR® 8.0
- TCO
- EPEAT™ Gold
- RoHS compliant

#### Other Certifications

- Intel® Evo™ Platform
- TÜV Low Blue Light certified
- TÜV Rheinland Dynamic Privacy Filter (DPF) Certification

#### Mil-Spec Test

MIL-STD-810H military test passed

### MODEL

TopSeller : Yes

Announce Date : 2021-04-13

EAN / UPC / JAN : 0195890596051

End of Support : 2027-10-02



intel

· Product image on this page is a sample, it may not match the real color of this model  
· Battery life is an estimated maximum. Actual battery life may vary based on many factors, including screen brightness, active applications, features, power management settings, battery age and conditioning, and other customer preferences

## Premier Support - A direct 24x7x365 line to our most elite technicians.

Advanced technical support, 24x7x365, in more than 100 markets

Technical Account Managers for proactive relationship and escalation management

Comprehensive hardware & OEM software support

Priority on service delivery and repair parts

Single point of contact for simplified end-to-end case management

Lenovo Service Connect Portal for customized reporting and product support

## Accidental Damage Protection - Protection of your PC from the unexpected.

Experience shows that a significant portion of devices may be damaged (and not covered under warranty) in the first three years. Lenovo's Accidental Damage Protection service covers accidents beyond the system warranty such as drops, spills, bumps and even electrical surges. Make sure your new device has maximum protection, avoid unplanned costs and get peace of mind.

## Base Warranty - Included with the systems you purchase, default 1- or 3-year coverage window.

## Warranty Extensions & Upgrades - Service and protection that's right for your circumstances.

- Pick Up & Return Courier
- Onsite Support
- Technician Installed Customer
- Replaceable Unit Service
- International Warranty Upgrade

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## Recommended Accessories

### Lenovo 65W USB-C AC Travel Adapter

40AS0090US

STREAMLINE YOUR LIFE WITH A 65W USB-C AC TRAVEL ADAPTER. Changing the way you travel for business or pleasure, the Lenovo 65W USB-C AC Travel Adapter eliminates the need for multiple chargers. Power your USB-C devices...

### NanoSaver Cable Lock from Lenovo

40AN0135US

Tough 10mm Lock Head with Cleat Locking Technology offering uncompromised security for ultra-thin Laptops, Tablets, Desktops, Monitors and Accessories built with the NanoSaver lock slot, the 10mm Lock Head with Cleat ...

For a full list of accessories and services, please visit:  
<https://smartfind.Lenovo.com>

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