

ThinkPad X1 Carbon (7th Gen) 20QD00L1HV

Lenovo

PSREF
Product Specifications
Reference

PERFORMANCE

Processor

Intel® Core™ i7-8565U (4C / 8T, 1.8 / 4.6GHz, 8MB)

Graphics

Integrated Intel UHD Graphics

Chipset

Intel SoC Platform

Memory

16GB Soldered LPDDR3-2133

Memory Slots

Memory soldered to systemboard, no slots

Max Memory

16GB soldered memory, not upgradable

Storage

512GB SSD M.2 2280 PCIe® 3.0x4 NVMe® Opal2

Storage Support

One drive, up to 2TB M.2 2280 SSD, optional Intel Optane™
Memory integrated with SSD, M.2

Card Reader

No card reader

Optical

None

Audio Chip

High Definition (HD) Audio, Realtek® ALC3286 codec

Speakers

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

Camera

720p + IR with ThinkShutter

Microphone

4x, 360°

Battery

Integrated 51Wh

Max Battery Life

MobileMark® 2014: 18.3 hr
JEITA 2.0: 18.9 hr

Power Adapter

65W USB-C®

DESIGN

Display

14" FHD (1920x1080) Low Power IPS 400nits Anti-glare

Touchscreen

None

Keyboard

Backlit, Hungarian

Case Color

Black, Paint

Case Material

Carbon Fiber (Top), Magnesium Alloy (Bottom)

Dimensions (WxDxH)

323 x 217 x 14.95 mm (12.72 x 8.54 x 0.59 inches)

Weight

1.09 kg (2.4 lbs)

SOFTWARE

Operating System

Windows® 10 Pro 64, Hungarian / English

Bundled Software

None

CONNECTIVITY

Ethernet

100/1000M via Optional Adapter

WLAN + Bluetooth®

Intel 9560 11ac, 2x2 + BT5.1

WWAN

Fibocom L850-GL

SIM Card

None

NFC

NFC

Standard Ports

- 1x USB 3.1 Gen 1
- 1x USB 3.1 Gen 1 (Always On)
- 2x USB-C 3.1 Gen 2 / Thunderbolt™ 3 (support data transfer, Power Delivery and DisplayPort™ 1.2)
- 1x HDMI® 1.4b
- 1x Ethernet extension connector
- 1x Headphone / microphone combo jack (3.5mm)
- 1x Side docking connector

Optional Ports (configured)

1x Nano-SIM card slot (WWAN support 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® Security Slot

Other Security

- IR camera for Windows® Hello
- ThinkShutter camera cover

MANAGEABILITY

System Management

None

SERVICE

Base Warranty

3-year, Depot

Included Upgrade

3Y Onsite upgrade from 3Y Courier/Carry-in (5WS0E97271)

ACCESSORIES

Bundled Accessories

ThinkPad® Ethernet Extension Adapter Gen 2

CERTIFICATIONS

Green Certifications

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

Mil-Spec Test

MIL-STD-810G military test passed

MODEL

TopSeller : Yes

Announce Date : 2019-07-09

EAN / UPC / JAN : 0193638458890

End of Support : 2026-01-18



- Lenovo reserves the right to change specifications or other product information without notice.
- 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



ThinkPad Ultra Docking Station (American Standard Plug)

40AJ0135US

The ThinkPad Ultra Docking Station provides the best docking experience for large enterprise ThinkPad customers. The innovative side connector, designed exclusively for ThinkPad notebooks, provides a driver-free way t...

Recommended Services

BEST	4Y Lenovo Protect (Premier Support + ADP + KYD + 3Y SBTY + International Upg) (5PS0N74186)
BETTER	3Y Lenovo Protect (Premier Support + ADP + KYD + 3Y SBTY + International Upg) (5PS0N74181)
GOOD	3Y Lenovo Support (Premier Support + KYD + 3Y SBTY + International Upg) (5PS0N74183)

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

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