## ThinkPad X1 Carbon Gen 8 20U90000AD



#### **PERFORMANCE**

**Processor** 

Intel® Core™ i5-10210U (4C / 8T. 1.6 / 4.2GHz. 6MB)

Graphics

Integrated Intel UHD Graphics

Chipset

Intel SoC Platform

Memory

8GB Soldered LPDDR3-2133

**Memory Slots** 

Memory soldered to systemboard, no slots, dual-channel

**Max Memory** 

8GB soldered memory, not upgradable

Storage

256GB SSD M.2 2280 PCIe 3.0x4 NVMe Opal2

**Storage Support** 

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

Card Reader

No card reader

**Optical** 

None

**Audio Chip** 

High Definition (HD) Audio, USI 4551-513711-00 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: 19.5 hr MobileMark 2018: 13.8 hr

JEITA 2.0: 19.8 hr

**Power Adapter** 

65W USB-C Slim

**DESIGN** 

**Display** 

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

**Touchscreen** 

None

Kevboard

Backlit. Arabic

**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, Arabic / English

**Bundled Software** 

None

CONNECTIVITY

Ethernet

100/1000M via Optional Adapter

WLAN + Bluetooth™

Intel AX201 11ax, 2x2 + BT5.2

**WWAN** 

Fibocom L850-GL

SIM Card

None

NFC

NFC

**Standard Ports** 

- 1x side docking connector
- 1x Ethernet extension connector
- 1x USB 3.2 Gen 1
- 1x USB 3.2 Gen 1 (Always On)
- 1x HDMI® 1.4b
- 1x headphone / microphone combo jack (3.5mm)
- 2x USB-C 3.2 Gen 2 / Thunderbolt<sup>™</sup> 3 (support data transfer, Power Delivery 3.0 and DisplayPort<sup>™</sup> 1.2)

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® Security Slot

**Other Security** 

- IR camera for Windows® Hello
- ThinkShutter camera cover

#### MANAGEABILITY

System Management

None

**SERVICE** 

**Base Warranty** 

3-year, Depot

**Included Upgrade** 

None

**ACCESSORIES** 

**Bundled Accessories** 

ThinkPad® Ethernet Extension Adapter Gen 2

#### **CERTIFICATIONS**

**Green Certifications** 

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

**Other Certifications** 

Athena certified

Mil-Spec Test

MIL-STD-810G military test passed

**MODEL** 

TopSeller : Yes Announce Date : 2020-04-28
EAN / UPC / JAN : 0194778624398 End of Support : 2026-11-28

 $<sup>\</sup>cdot$  Product image on this page is a sample, it may not match the real color of this model

<sup>·</sup> 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.

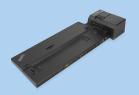
# Warranty Extensions & Upgrades - Service and protection that's right for your circumstances.

- 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	5Y Premier Support Upgrade from 3Y Depot/CCI (5WS0T36119)
BETTER	4Y Premier Support Upgrade from 3Y Depot/CCI (5WS0T36132)
GOOD	3Y Premier Support Upgrade from 3Y Courier/Carry-in (5WS0T36160)

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

