ThinkPad X1 Carbon Gen 8 20U90004RT

PERFORMANCE

Processor Intel[®] Core[™] i5-10210U (4C / 8T, 1.6 / 4.2GHz, 6MB) Graphics

Integrated Intel UHD Graphics

Chipset Intel SoC Platform

Memory 16GB Soldered LPDDR3-2133

Memory Slots Memory soldered to systemboard, no slots, dual-channel capable

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. USI 4551-513711-00 codec

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

Camera

720p + IR with ThinkShutter

Microphone

4x. 360°

Batterv 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

· Product image on this page is a sample, it may not match the real color of this model

power management settings, battery age and conditioning, and other customer preferences

Touchscreen None

Kevboard Backlit. Russian

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. Russian **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

NEC

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[™] 3 (support data transfer, Power Delivery 3.0 and DisplayPort[™] 1.2)

Optional Ports (configured)

1x Nano-SIM card slot (WWAN models)

Monitor Cable

None

SECURITY & PRIVACY

Smart Card Reader

None

· Battery life is an estimated maximum. Actual battery life may vary based on many factors, including screen brightness, active applications, features,

Security Chip Discrete TPM 2.0

Fingerprint Reader Touch Style, Match-on-Chip

Physical Locks Kensington[®] Security Slot

IR camera for Windows[®] Hello

ThinkShutter camera cover

MANAGEABILITY

System Management

Base Warranty

Included Upgrade None

Bundled Accessories ThinkPad® Ethernet Extension Adapter Gen 2

CERTIFICATIONS

- 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	: 0194778623353	End of Support	: 2026-11-28

Lenovo

PSREF

Reference

Product Specifications

Other Security

None

SERVICE

3-year, Depot

ACCESSORIES

Green Certifications

- ENERGY STAR® 8.0

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



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



Comprehensive hardware & OEM software support



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



Technical Account Managers for proactive relationship and escalation management

Priority on service delivery and repair parts



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 driverfree 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 Depot/CCI (5WS0T36160)

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

