ThinkPad X1 Carbon Gen 9 20XW0009FE

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 x4 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
IR & 720p 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 (3-pin)

DESIGN

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

Touchscreen
None

Keyboard
Backlit, French

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, French

Bundled Software
None

CONNECTIVITY

Ethernet
100/1000M (Adapter Needed)

WLAN + Bluetooth®
Intel AX201 11ax, 2x2 + BT5.2

WWAN
WWAN Upgradable to 4G

SIM Card
None

NFC
None

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 model)

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
USB-C to Ethernet Adapter

CERTIFICATIONS

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

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

Mil-Spec Test
MIL-STD-810H military test passed

MODEL

TopSeller	: Yes	Announce Date	: 2021-03-02
EAN / UPC / JAN	: 0195713149242	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.**

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- Onsite Support
- Technician Installed Customer
- Replaceable Unit Service
- International Warranty Upgrade

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Recommended Accessories

ThinkPad Universal Thunderbolt 4 Dock - US

40B00135US

Enterprise-Grade Universal Thunderbolt™ 4 Docking Experience: ThinkPad Universal Thunderbolt 4 Dock delivers reliable and consistent industry leading video, data and power connectivity in a Windows based mixed-PC envi...

Lenovo 65W USB-C AC Travel Adapter

40AW0065WW

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...

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

PSREF
Product Specifications Reference