ThinkPad X1 Carbon Gen 9 20XW0050BM

PERFORMANCE

Processor Intel[®] Core[™] i5-1135G7 (4C / 8T, 2.4 / 4.2GHz, 8MB)

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 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 Slim (3-pin)

DESIGN

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

Touchscreen None

Keyboard Backlit, Bulgarian

Case Color Black. Paint

Case Material

Carbon Fiber (Top), Magnesium Allov (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, English **Bundled Software** None

CONNECTIVITY

Ethernet 100/1000M (Adapter Needed)

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

WWAN

Quectel EM120R-GL with Embedded eSIM

SIM Card

None

NFC NEC

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)

1x Nano-SIM card slot (WWAN model)

Monitor Cable

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

Lenovo

PSREF Product Specifications Reference

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 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	: 2021-04-20
EAN / UPC / JAN	: 0195713378727	End of Support	: 2027-10-02



· 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

Optional Ports (configured)

None

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-toend 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 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