ThinkPad X1 Carbon Gen 9 20XWOOAHMX

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 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 500nits Anti-glare, Touch, ThinkPad® Privacy Guard

Touchscreen 10-point Multi-touch

Keyboard Backlit, Nordic (DK/FI/NO/SV/EN)

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, Nordic (DK/FI/SV/NO/EN) 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 HDMI® 2.0

- 1x USB 3.2 Gen 1
- 1x USB 3.2 Gen 1 (Always On)
- 2x Thunderbolt[™] 4 / USB4[™] 40Gbps (support data transfer, Power Delivery 3.0 and DisplayPort[™] 1.4a)
- 1x Headphone / microphone combo jack (3.5mm)

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

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PSREF Product Specifications Reference

Physical Locks

Kensington® Nano Security Slot

Other Security

- Human Presence Detection
- IR camera for Windows® Hello
- Privacy Guard with Privacy Alert
- Camera privacy shutter

MANAGEABILITY

System Management

SERVICE

Base Warranty 3-year, Depot

Included Upgrade

Co2 Offset 0.5 ton (CPN) (5WS0Z74930), 3Y Premier TP Halo WHB (CPN) (5WS1B09495)

ACCESSORIES

Bundled Accessories None

CERTIFICATIONS

Green Certifications

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

Other Certifications

- Intel[®] Evo[™] Platform
- TÜV Rheinland® Dynamic Privacy Filter (DPF) Certification

Mil-Spec Test

MIL-STD-810H military test passed

MODEL

TopSeller	: Yes	Announce Date	: 2021-06-15
EAN / UPC / JAN	: 0195891836712	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

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