

ThinkPad X1 Extreme Gen 4 20Y50020RI

PSREF

Product Specifications
Reference

PERFORMANCE

Processor

Intel® Core™ i7-11850H (8C / 16T, 2.5 / 4.8GHz, 24MB)

Graphics

NVIDIA® GeForce® RTX™ 3070 8GB GDDR6

Chipset

Intel WM590

Memory

2x 16GB SO-DIMM DDR4-3200 Non-ECC

Memory Slots

Two DDR4 SO-DIMM slots, dual-channel capable

Max Memory

Up to 64GB DDR4-3200

Storage

1TB SSD M.2 2280 PCIe® 4.0x4 Performance NVMe® Opal2

Storage Support

Model with RTX 3060/3070/3080 Graphics:
one drive, up to 2TB M.2 2280 SSD

RAID Preset

None

Card Reader

SD Card Reader

Optical

None

Audio Chip

High Definition (HD) Audio, Realtek® ALC3306 codec

Speakers

Stereo speakers, 2W x2, Dolby® Atmos®

Camera

IR & 1080p with Privacy Shutter

Microphone

2x, Array

Battery

Integrated 90Wh

Max Battery Life

MobileMark® 2018: 10.7 hr
JEITA 2.0: 12.8 hr

Power Adapter

230W Slim Tip (3-pin)

DESIGN

Display

16" WQUXGA (3840x2400) IPS 600nits Anti-glare, 100%
Adobe® RGB, Low Blue Light, HDR 400, Dolby Vision™

Touchscreen

None

Color Calibrator

Factory Color Calibration

Keyboard

Backlit, English (EU)

Case Color

Black, Weave

Case Material

CF Hybrid (Top), Aluminium Alloy (Bottom)

Pen

No Support

Dimensions (WxDxH)

359.5 x 253.8 x 17.7 mm (14.15 x 9.99 x 0.7 inches)

Weight

1.81 kg (3.99 lbs)

SOFTWARE

Operating System

Windows® 10 Pro 64, Romanian / English

Bundled Software

None

CONNECTIVITY

WLAN + Bluetooth®

Intel AX210 11ax, 2x2 + BT5.2

WWAN

None

SIM Card

None

NFC

None

Standard Ports

- 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™ 1.4)
- 1x SD card reader
- 1x Headphone / microphone combo jack (3.5mm)
- 1x Power connector

Optional Ports (configured)

1x HDMI® 2.1

Monitor Cable

None

Docking

Various docking solutions supported via Thunderbolt™.
For more compatible docking solutions, please visit [Docking for ThinkPad® X1 Extreme Gen 4](#)

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

MANAGEABILITY

System Management

Intel® vPro, DASH

SERVICE

Base Warranty

3-year, Depot

Included Upgrade

None

ACCESSORIES

Bundled Accessories

None

CERTIFICATIONS

Green Certifications

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

Mil-Spec Test

MIL-STD-810H military test passed

MODEL

TopSeller : Yes

Announce Date : 2021-07-20

EAN / UPC / JAN : 0195891750926

End of Support : 2028-02-20

- Lenovo reserves the right to change specifications or other product information without notice.
- 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.

- Pick Up & Return Courier
- Onsite Support
- Technician Installed Customer
- Replaceable Unit Service
- International Warranty Upgrade

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Recommended Accessories

ThinkPad USB-C Dock Gen 2

40AS0090US

- Lenovo understands that modern business depends on a wide variety of PC's and even brands to meet their business needs. To make this easier Lenovo USB-C dock is compatible with Lenovo notebooks as well as note...

Lenovo Active Pen 2

GX80N07825

The Lenovo Active Pen 2 is the perfect complement to the touch system, providing an additional way to interact, create and edit. Add a personal touch to documents by signing them with your name or annotating in your o...

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

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