

ThinkPad X1 Extreme Gen 4 20Y5001NGE

Lenovo

PSREF
Product Specifications
Reference

PERFORMANCE

Processor

Intel® Core™ i7-11800H (8C / 16T, 2.3 / 4.6GHz, 24MB)

Graphics

NVIDIA® GeForce® RTX™ 3050 Ti 4GB GDDR6

Chipset

Intel WM590

Memory

1x 32GB 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 Intel UHD Graphics or RTX 3050 Ti Graphics:

up to two drives, 2x M.2 2280 SSD

- M.2 2280 SSD up to 2TB

- RAID 0/1 support

Card Reader

SD Card Reader

Audio Chip

High Definition (HD) Audio, Realtek® ALC3306 codec

Speakers

Stereo speakers, 2W x2, Dolby® Atmos®

Camera

1080p + IR 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

170W Slim Tip

DESIGN

Display

16" WQUXGA (3840x2400) IPS 600nits AR (anti-reflection) /

AS (anti-smudge), 100% Adobe®, HDR 400, Dolby Vision™,

Touch

Touchscreen

10-point Multi-touch

Color Calibrator

Factory Color Calibration

Keyboard

Backlit, German

Case Color

Black, Weave

Case Material

CF Hybrid (Top), Aluminum Alloy (Bottom)

Pen

Pen Upgradable

Dimensions (WxDxH)

359.5 x 253.8 x 18.2 mm (14.15 x 9.99 x 0.72 inches)

Weight

1.86 kg (4.1 lbs)

SOFTWARE

Operating System

Windows® 10 Pro 64, German

CONNECTIVITY

Ethernet

100/1000M (Adapter Needed)

WLAN + Bluetooth®

Intel AX210 11ax, 2x2 + BT5.2

WWAN

Qualcomm® Snapdragon™ X55 5G Modem-RF System with embedded eSIM

Standard Ports

- 1x SD card reader
- 1x power connector
- 1x USB 3.2 Gen 1
- 2x Thunderbolt™ 4 / USB4™ 40Gbps (support data transfer, Power Delivery 3.0 and DisplayPort™ 1.4)
- 1x headphone / microphone combo jack (3.5mm)
- 1x USB 3.2 Gen 1 (Always On)

Optional Ports

- 1x HDMI® 2.1 (model with discrete graphics)
- 1x Nano-SIM card slot (WWAN model)

SECURITY & PRIVACY

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

SERVICE

Base Warranty

3-year, Depot

Included Upgrade

3Y Premier TP Halo WHB (CPN) (5WS1B09495)

CERTIFICATIONS

Green Certifications

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

Mil-Spec Test

Work in progress

MODEL

TopSeller : Yes

Announce Date : 2021-07-20

EAN / UPC / JAN : 0195891758328

End of Support : 2028-02-20



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.

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

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