ThinkPad X1 Fold 16 Gen 1 21ES0017GE

Lenovo PSREF Product Specifications Reference

PERFORMANCE

Processor
Intel® Core™ i5-1230U, 10C (2P + 8E) / 12T, P-core 1.0 / 4.4GHz, E-core 0.7 / 3.3GHz, 12MB

Graphics
Integrated Intel Iris® Xe Graphics

Chipset
Intel SoC Platform

Memory
16GB Soldered LPDDR5-5200

Memory Slots
Memory soldered to systemboard, no slots, 8-channel

Max Memory
16GB soldered memory, not upgradable

Storage
512GB SSD M.2 2242 PCIe® 4.0x4 NVMe® Opal2

Storage Support
One drive, up to 1TB M.2 2242 SSD

Storage Slot
One M.2 2242 PCIe 4.0 x4 slot

Card Reader
No Card Reader

Audio Chip
High Definition (HD) Audio

Speakers
Stereo speakers, 2W x3, Dolby® Atmos®, 2 of 3 speakers enabled in each posture

Camera
5.0MP + IR Discrete, MIPI, Computer Vision

Microphone
4x, Array

Battery
Integrated 64Wh (48Wh + 16Wh)

Power Adapter
65W USB-C® Slim (3-pin)

DESIGN

Display
16.3" (2560x2024) Folding OLED SDR 400nits / HDR 600nits, Anti-smudge, 100% DCI-P3, DisplayHDR™ True Black 600, Dolby Vision™, Touch

Touchscreen
10-point Multi-touch

Keyboard
ThinkPad® Bluetooth® TrackPoint® Keyboard and Stand, German

Case Color
Performance Black

Case Material
Aluminium + 100% Recycled Performance Fabric

Pen
Lenovo® Precision Pen

Dimensions (WxDxH)
Folded: 176.2 x 276.2 x 17.4 mm (6.94 x 10.87 x 0.69 inches)
Unfolded: 345.7 x 276.2 x 8.6 mm (13.61 x 10.87 x 0.34 inches)

Weight
X1 Fold 16: starting at 1.311 kg (2.89 lbs)
Keyboard and stand: around 627 g (1.38 lbs)
Total: around 1.938 kg (4.27 lbs)

SOFTWARE

Operating System
Windows® 11 Pro 64, German

Bundled Software
Intel Connectivity Performance Suite

CONNECTIVITY

Ethernet
No Onboard Ethernet

WLAN + Bluetooth
Intel AX211 Wi-Fi® 6E, 2x2 + BT5.1

Standard Ports
- 1x USB-C 3.2 Gen 2 (support data transfer, Power Delivery 3.0 and DisplayPort™ 1.4a)
- 2x Thunderbolt™ 4 / USB 4 40Gbps (support data transfer, Power Delivery 3.0 and DisplayPort 1.4a)

Docking
Various docking solutions supported via Thunderbolt or USB-C.
For more compatible docking solutions, please visit Docking for ThinkPad X1 Fold 16 Gen 1

SECURITY & PRIVACY

Security Chip
Discrete TPM 2.0

Fingerprint Reader
Touch Style, Match-on-Chip, on Keyboard

Other Security
- Computer Vision-based User Presence Sensing including lock on leave
- IR camera for Windows® Hello
- Glance by Mirametrix®
- Tile ready

MANAGEABILITY

System Management
Non-vPro

SERVICE

Base Warranty
3-year, Courier or Carry-in

Included Upgrade
CO2 Offset 1 ton (5WS0Z74929), 3Y Premier Support Upgrade from 3Y Courier/Carry-in (5WS1K27053)

CERTIFICATIONS

Green Certifications
- EPEAT™ Gold
- ENERGY STAR® 8.0
- ErP Lot 6 and Lot 26
- TCO Certified 9.0
- RoHS compliant

Other Certifications
Intel® Evo™ Platform

Mil-Spec Test
MIL-STD-810H military test in progress

MODEL

TopSeller	: Yes	Announce Date	: 2022-10-18
EAN / UPC / JAN	: 0196803235029	End of Support	: 2029-03-30

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· 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