

Lenovo ThinkPad P16 Gen 2 21FA(21FA000TMB)

Lenovo ThinkPad P16 Gen 2 21FA - Intel Core i7 - 13850HX / up to 5.3 GHz - vPro Enterprise - Win 11 Pro - RTX 3500 Ada - 32 GB RAM - 1 TB SSD TCG Opal Encryption 2, NVMe, Performance - 16" IPS 2560 x 1600 (WQXGA) @ 165 Hz - Wi-Fi 6E - storm grey (top), villi black (bottom) - kbd: Belgium - with 3 Years Lenovo Premier Support, CO2 Offset 0.5 ton



Lenovo breaks new ground with the ThinkPad P16 mobile workstation, a portable powerhouse for the ultimate professional. It's designed to deliver the high level of on-the-go performance. Plus, it's got a fresh appearance and style that you'll love.

Key Selling Points

- Professional mobile workstation with a fresh, modern look
- Powerful graphics to speed your work
- Large 16" display showcases your work in high-def style
- Lenovo ThinkShield security tools to help protect your work and data

Product Features

Next-level performance and productivity

Step out of the office and do more-without sacrifice. The ThinkPad P16 offers the best of everything in a standout, 16" design. Get yours with the super-fast SSD storage and massive storage of DDR5 memory. And the P16 PC is certified to run top ISV applications without missing a beat.

Cooling features, stunning visuals

The ThinkPad P16 mobile workstation has the features - offering impressive functionality and great looks. To keep cool and quiet over long work sessions, it's got a dual-bypass design with dual fans, vapor chamber cooling, a keyboard air intake, and rear vents.

Strong security - with easy recovery options

Built with security in mind, the ThinkPad P16 comes preloaded with Lenovo ThinkShield solutions. The discrete Trusted Platform Module (dTPM) encrypts your data, a self-healing BIOS can restore system settings if needed. There's even a sliding privacy shutter to physically close the webcam.

Rugged quality that endures

A mobile workstation needs to perform wherever your day takes you - sometimes in extreme conditions. So, like all ThinkPad laptops, Lenovo tests the P16 against 12 military-grade requirements and 200+ quality checks. It can handle whatever life throws your way, from Arctic-like freezing temperatures to desert-style dust storms to day-to-day bumps, drops, and spills.

A mobile workstation with a modern look

At 16", the ThinkPad P16 offers a slick, modern design in a portable size. It's got standout looks, too, with a finish cover, red accent lines, and narrow-bezel display with a roomy 16:10 aspect ratio. In addition, the redesigned vents send hot air out the back of the system, not the sides.

Main Specifications

Product Description	Lenovo ThinkPad P16 Gen 2 - 16" - Intel Core i7 - 13850HX - vPro Enterprise - 32 GB RAM - 1 TB SSD - Belgium
Product Type	Mobile workstation
Operating System	Win 11 Pro - Dutch / English / French / German
Platform Technology	Intel vPro Enterprise
Processor	Intel Core i7 (13th Gen) - 13850HX up to 5.3 GHz / 30 MB Cache
Memory	32 GB DDR5 (2 x 16 GB)
Storage	1 TB SSD - TCG Opal Encryption 2, NVMe, Performance
Display	16" 2560 x 1600 / WQXGA @ 165 Hz

Graphics	NVIDIA RTX 3500 Ada / Intel UHD Graphics
Video Memory	12 GB GDDR6 SDRAM
Input Device	Keyboard, TrackPoint, UltraNav
Keyboard	Belgium
Keyboard Backlight	Yes
Numeric Keypad	Yes
Integrated Webcam	Yes
Networking	Bluetooth 5.1, 802.11a/b/g/n/ac/ax (Wi-Fi 6E)
Security	Discrete Trusted Platform Module (TPM 2.0) Security Chip, fingerprint reader, smart card reader
Colour	Storm grey (top), villi black (bottom)
Dimensions (WxDxH)	36.4 cm x 26.6 cm x 3.023 cm
Weight	2.95 kg
Localisation	Language: English, German, French, Dutch / region: Belgium
Manufacturer Selling Program	Lenovo TopSeller
Environmental Standards	TCO Certified Notebooks 9, ENERGY STAR Qualified EPEAT Gold, EPEAT Climate+
Manufacturer Warranty	Base warranty - 3 years - pick-up and return † Base warranty - battery - 1 year † Extended warranty - 3 years - on-site - response time: next business day
Bundled Services	3 Years Lenovo Premier Support, CO2 Offset 0.5 ton

Extended Specification

General

Product Type	Mobile workstation
Operating System	Windows 11 Pro - Dutch / English / French / German

Memory

RAM	32 GB (2 x 16 GB)
Max RAM Supported	192 GB
Technology	DDR5 SDRAM - non-ECC
Speed	5600 MHz
Rated Speed	2800 MHz
Form Factor	SO-DIMM 262-pin
Slots Qty	4
Empty Slots	2

Manufacturer Warranty

Service & Support	Base warranty - 3 years - pick-up and return † Base warranty - battery - 1 year † Extended warranty - 3 years - on-site - response time: next business day
Bundled Services	3 Years Lenovo Premier Support, CO2 Offset 0.5 ton

Storage

Main Storage	1 TB SSD M.2 2280 PCIe 4.0 x4 - TCG Opal Encryption 2, NVMe Express (NVMe), Performance
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Miscellaneous

Colour	Storm grey (top), villi black (bottom)
Case Material	Aluminium (top), glass-fibre (bottom), polyphenylene sulfide (bottom)
Security	Discrete Trusted Platform Module (TPM 2.0) Security Chip, fingerprint reader, smart card reader
Features	Administrator password, power-on password, RapidCharge, MIL-STD-810H tested, self-healing BIOS, NVMe password

Theft/Intrusion Protection	Security lock slot (cable lock sold separately)
Security Slot Type	Kensington nano security slot
Included Accessories	Power adapter
Compliant Standards	RoHS, TUV Rheinland Low Blue Light Certification, TCG Certified, TUV Rheinland Eye Comfort Certification, TCO Certified 9.0
Localization	Language: English, German, French, Dutch / region: Belgium
Manufacturer Selling Program	Lenovo TopSeller

Environmental Parameters

Min Operating Temperature	5 °C
Max Operating Temperature	35 °C
Humidity Range Operating	8 - 95%

Software

Software Included	NVIDIA RTX Desktop Manager
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Display

Type	16" - IPS
Resolution	2560 x 1600 (WQXGA)
V-Sync Rate at Max Res.	165 Hz
Widescreen	Yes
Image Aspect Ratio	16:10
Image Brightness	500 cd/m ²
Horizontal Viewing Angle	+89 / -89
Vertical Viewing Angle	+89 / -89
Colour Gamut	100% sRGB
Features	Anti-glare, Low Blue Light technology, Eyesafe technology, X-Rite Pantone factory color calibration, DC dimming, 83.4% screen-to-body ratio

Battery

Technology	Lithium polymer
Capacity	94 Wh

Communications

Wireless	Bluetooth 5.1, 802.11a/b/g/n/ac/ax (Wi-Fi 6E)
Wireless Controller	Intel Wi-Fi 6E AX 211
Features	Dual stream (2x2)

Dimensions & Weight

Dimensions (WxDxH)	36.4 cm x 26.6 cm x 3.023 cm
Weight	2.95 kg

Processor / Chipset

CPU	Intel Core i7 (13th Gen) 13850HX
Max Turbo Speed	5.3 GHz
Number of Cores	20-core
Cache	30 MB
Chipset	Intel WM790
Platform Technology	Intel vPro Enterprise
Features	Integrated memory controller

Audio & Video

Multi-GPU Configuration	1 single GPU card / integrated GPU
Graphics Processor	NVIDIA RTX 3500 Ada / Intel UHD Graphics - up to
Video Memory	12 GB GDDR6 SDRAM
Max Monitors Supported	3 external monitor(s)
Video System Features	FXAA, NVIDIA TXAA, Direct X 12 Ultimate, Vulkan Support
Camera	Yes - 1080p
Camera Features	Privacy shutter, Windows Hello, fixed focus, hybrid FHD/IR camera, Ultrasonic Human Presence Detection
Sound	Stereo speakers, dual array microphone
Codec	Realtek ALC3306
Compliant Standards	High Definition Audio, Dolby Atmos
Audio Features	Input: Dolby Voice, far-field

Input

Type	Keyboard, TrackPoint, UltraNav
Keyboard Backlight	Yes
Keyboard Layout	Belgium
Numeric Keypad	Yes
Features	Spill-resistant, multi-touch touchpad, Fn keys with Unified Communications controls

AC Adapter

Input	AC 100-240 V (50/60 Hz)
Output	230 Watt

Connections & Expansion

Slots	2 x M.2 (PCI Express 4.0 x4) (1 free)
Interfaces Details	USB 3.2 Gen 1 (Always On) † USB 3.2 Gen 1 † USB-C 3.2 Gen 2 (Power Delivery 3.0) † 2 x USB4 (supports Thunderbolt 4, DisplayPort 1.4 Alt Mode) (Power Delivery 3.0) † HDMI (8K support) † Headphone/microphone combo jack
Memory Card Reader	Yes (SD Express Card)

Wireless Broadband (WWAN)

Generation	4G upgradable
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Sustainability Information

TCO Certified	- TCO Certified Notebooks 9
EPEAT Compliant	EPEAT Gold
EPEAT Climate+	Yes
ENERGY STAR Certified	Yes

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