

Lenovo 500w 2-in-1 Gen 5 - 12.2" - Intel N-series - N150 - 8 GB RAM - 128 GB SSD - UK (83LH0004UK)

Lenovo 500w 2-in-1 Gen 5 83LH - Flip design - Intel N-series - N150 / up to 3.6 GHz - Win 11 Pro - Intel Graphics - 8 GB RAM - 128 GB SSD NVMe - 12.2" IPS touchscreen 1920 x 1200 - Wi-Fi 6E, Bluetooth - slate grey - kbd: UK



The Lenovo 500w 2-in-1 Gen 5 is designed for versatile performance with a 12.2-inch WUXGA touchscreen display that delivers a native resolution of 1920 x 1200. It features low blue light technology and is protected by Corning Gorilla glass to enhance durability and reduce eye strain. The 360° flip design allows this device to transition between notebook and tablet modes, making it suitable for various tasks, whether for productivity or creativity.

Powered by an Intel N-series quad-core processor and equipped with 8 GB of LPDDR5 RAM, this device offers smooth multitasking capabilities. The 128 GB SSD ensures quick data access and efficient processing. Connectivity options include multiple USB-C ports, HDMI, and a combination headphone/microphone jack, providing flexibility for external devices. With MIL-STD-810H testing and EPEAT Gold certification, this laptop meets rigorous environmental standards and ensures reliability under challenging conditions.

Key Selling Points

- 12.2-inch WUXGA touchscreen display with 1920 x 1200 resolution
- 360° flip design for versatile usage as a notebook or tablet
- Intel quad-core N-series processor for efficient multitasking
- Robust connectivity options including USB-C and HDMI
- EPEAT Gold certification for environmental sustainability

Product Features

- Vibrant display**
The 12.2-inch IPS touchscreen offers a resolution of 1920 x 1200, ensuring crisp images and vibrant colors for an engaging viewing experience.
- Flexible design**
With its 360° flip capability, the Lenovo 500w can transition between laptop and tablet modes, accommodating a range of activities from typing to drawing.
- Powerful performance**
Equipped with an Intel quad-core processor and 8 GB of LPDDR5 RAM, this device handles multiple applications efficiently without lag.
- Durable construction**
Compliance with MIL-STD-810H standards ensures this laptop can withstand tough environments, while Corning Gorilla glass protects the touchscreen from scratches.
- Extensive connectivity**
Featuring multiple ports, including USB-C and HDMI, along with Bluetooth 5.3 support, this device offers ample options for peripheral connections and wireless devices.

Main Specifications

Product Description	Lenovo 500w 2-in-1 Gen 5 - 12.2" - Intel N-series - N150 - 8 GB RAM - 128 GB SSD - UK
Product Type	Notebook - 2-in-1 - flip design
Operating System	Win 11 Pro - English
Processor	Intel N-series N150 up to 3.6 GHz / 6 MB Cache
Memory	8 GB LPDDR5 (provided memory is soldered)
Storage	128 GB SSD - NVMe
Display	12.2" touchscreen 1920 x 1200 / WUXGA @ 60 Hz
Graphics	Intel Graphics
Input Device	Digitizer, digital pen

Keyboard	UK
Integrated Webcam	Yes
Networking	802.11a/b/g/n/ac/ax (Wi-Fi 6E), Bluetooth 5.3
Battery	Up to 13 hours
Features	Accelerometer, GMR
Security	Discrete Trusted Platform Module (TPM 2.0) Security Chip
Colour	Slate grey
Dimensions (WxDxH)	28.7 cm x 20.8 cm x 1.975 cm
Weight	1.33 kg
Localisation	Language: English / region: United Kingdom
Manufacturer Selling Program	Lenovo TopSeller
Environmental Standards	TCO Certified, generation 10, for notebooks, ENERGY STAR Qualified EPEAT Gold
Carbon Footprint	154 kg carbon emissions
Manufacturer Warranty	Limited warranty - 1 year - pick-up and return

Extended Specification

General

Product Type	Notebook - Yes - flip design
Operating System	Windows 11 Pro - English

Memory

RAM	8 GB (provided memory is soldered)
Technology	LPDDR5 SDRAM
Speed	4800 MT/s
Rated Speed	6400 MT/s

Manufacturer Warranty

Service & Support	Limited warranty - 1 year - pick-up and return
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Storage

Main Storage	128 GB SSD M.2 2242 PCIe 3.0 x4 - NVMe Express (NVMe)
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Miscellaneous

Colour	Slate grey
Case Material	Polycarbonate ABS (bottom), polycarbonate ABS (top)
Surface Finish	Texture painting (top), texture (bottom)
Integrated Options	Accelerometer, GMR
Security	Discrete Trusted Platform Module (TPM 2.0) Security Chip
Features	Administrator password, hard drive password, power-on password, RapidCharge, MIL-STD-810H tested, self-healing BIOS
Theft/Intrusion Protection	Security lock slot (cable lock sold separately)
Security Slot Type	Kensington nano security slot
Included Accessories	USB-C power adapter
Compliant Standards	RoHS, Energy-Related Products (ErP) Lot 6, ASTM F963, TCG Certified, Energy-Related Products (ErP) Lot 26, TUV Rheinland Low Blue Light (Hardware Solution)
Localization	Language: English / region: United Kingdom
Manufacturer Selling Program	Lenovo TopSeller

Environmental Parameters

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

Display

Type	12.2" - IPS
Touchscreen	Yes (10-point multi-touch)
Resolution	1920 x 1200 (WUXGA)
V-Sync Rate at Max Res.	60 Hz
Widescreen	Yes
Image Aspect Ratio	16:10
Image Brightness	300 cd/m²
Horizontal Viewing Angle	+85 / -85
Vertical Viewing Angle	+85 / -85
Colour Gamut	50% NTSC
Features	Glossy, Corning Gorilla glass, One Glass Solution, anti-fingerprint, Adaptive-Sync technology, Low Blue Light technology

Battery

Technology	Lithium polymer
Capacity	47 Wh
Run Time	Up to 13 hours
Battery Run Time	Local video (1080p) playback time (150 nits): up to 13 hour(s)

Communications

Wireless	802.11a/b/g/n/ac/ax (Wi-Fi 6E), Bluetooth 5.3
Wireless Controller	Intel Wi-Fi 6E AX 211 - M.2 Card
Features	Dual stream (2x2)

Dimensions & Weight

Dimensions (WxDxH)	28.7 cm x 20.8 cm x 1.975 cm
Weight	1.33 kg

Processor / Chipset

CPU	Intel N-series N150
Max Turbo Speed	3.6 GHz
Number of Cores	Quad-Core
Cache	6 MB
Features	Integrated memory controller

Audio & Video

Graphics Processor	Intel Graphics
Max Monitors Supported	2 external monitor(s)
Video System Features	DirectX 12.1
Camera	Yes - 1080p (front)
Resolution	5 Megapixel (rear)
Camera Features	Rear camera with auto focus, front camera with fixed focus, front camera with privacy shutter
Sound	Stereo speakers, dual array microphone and single microphone
Codec	Realtek ALC3287
Compliant Standards	High Definition Audio, Dolby Audio

Input

Type	Keyboard, digitizer, touchpad, digital pen
Keyboard Layout	UK
Features	Multimedia control, multi-touch touchpad, buttonless touchpad, precision touchpad, Copilot key

AC Adapter

Input	AC 100-240 V (50/60 Hz)
Output	65 Watt

Connections & Expansion

Interfaces Details	USB 3.2 Gen 1 USB-C 3.2 Gen 1 (Power Delivery) USB-C 3.2 Gen 2 (supports DisplayPort Alt Mode) (Power Delivery) HDMI (4K support) Headphone/microphone combo jack
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Sustainability Information

TCO Certified	- TCO Certified, generation 10, for notebooks
EPEAT Compliant	EPEAT Gold
ENERGY STAR Certified	Yes
Carbon Footprint	154 kg carbon emissions
Total CF/unit Standard Deviation (kg CO2e)	26
PAIA Version	1.4.6

What's in the box

Lenovo 500w 2-in-1 Gen 5 83LH
USB-C power adapter

Product data is provided by CNET, we do not warrant the accuracy and completeness of the material contained in this data sheet