

Lenovo 100w Gen 5

Powered by the Intel® Processor N150, the Lenovo 100w Gen 5 is built to withstand all the bumps, drops, and spills of K-8 students, with impressive durability features like peel-resistant D-cover rubber feet and hardened ports. Lenovo DuraSpec protection further elevates this device's toughness, withstanding spills up to 360ml, drops onto concrete from desk height, and even 60kg of A-cover force. Longevity is also baked into the engineering, now with a copper heat pipe added to the motherboard for superior thermal capacity, as well as an additional USB-C port on a daughter card—preventing the need for full motherboard replacement when curious little minds wonder what happens when you stick a pencil in the port.

Along with the improved processing power for easier multitasking, this education-focused clamshell delivers a brand new 11.6" HD IPS display, dual storage, and an AI-accelerated mic for enhanced audio and reduced background noise. No matter where class is in session, the all-day battery life with zero-to-80% recharge in one hour and up to Intel® Wi-Fi 7 (5 Gig) connectivity ensure there's no pause on learning. Designed with fewer screws, a top-load keyboard with full-skirt keycaps that are almost impossible to pick, and a CRU battery, this low-maintenance machine is highly impressive. Plus, as a Secured Core PC with self-healing BIOS, Secure Wipe, and dTPM 2.0, students' data stays secure wherever learning takes them.



Powered by Intel®
Processor N-Series



Smarter
technology
for all

Lenovo

Lenovo 100w Gen 5

Committed to sustainability

At Lenovo, we're focused on providing smarter technology that builds a brighter, more sustainable future for our customers, colleagues, communities, and the planet. We're determined to build a smarter future for all through the products and services we offer. And we partner with Intel, the industry leader in sustainable semiconductor manufacturing.

As an extension of our drive for sustainability and circular use of our packaging, the Lenovo 100w Gen 5 is part of our "Turning Waste into Educational Wonder" project, which cultivates interest in STEM fields using everyday household materials and packaging. By engaging students and teachers to use STEM principles for design, engineering, and problem-solving, we hope to instill a culture of curiosity, creativity, and resource conservation.



**REDUCING
GREENHOUSE GAS
EMISSIONS**



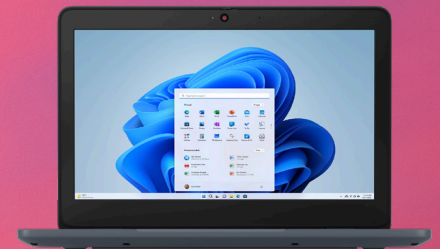
**PACKAGING
SUSTAINABILITY**



**SUSTAINABLE
PRODUCT DESIGN**



**SUPPLY CHAIN
SUSTAINABILITY**



Responsible design

Lenovo 100w Gen 5

Cover & Frame	85% recycled ABS C cover frame 50% recycled PC_ABS D cover 48% recycled TPU D cover feet
Battery Frame	90% recycled PCC plastic
Magnets	30% recycled magnets
AC Adaptor	90% recycled PCC plastic
Packaging	Waste into Educational Wonder 80% recycled FSC Carton 80% recycled FSC accessory tray Paper-based security label 90% ocean bound plastic bag 100% recycled dry-pressed pulp cushion

certifications & registries

EPEAT® Gold

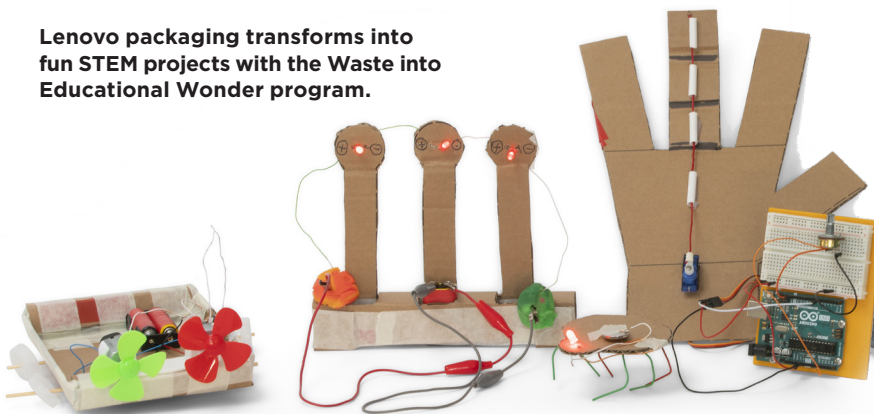
ENERGY STAR® 9.0

TCO 10.0

MIL-STD 810H

ASTM F963

**Lenovo packaging transforms into
fun STEM projects with the Waste into
Educational Wonder program.**



Lenovo

Lenovo 100w Gen 5

performance

PROCESSOR

Intel® Processor N150

OPERATING SYSTEM

Windows 11

GRAPHICS

Integrated graphics

CAMERA

720p front-facing with privacy shutter

MEMORY

Up to 8GB LPDDR5 (soldered)

STORAGE

Up to 128GB UFS (soldered) and/or up to 128GB M.2 SSD

BATTERY

47 Whr

AC ADAPTOR

45W (standard); 65W (optional, supports Quick Charge)

AUDIO

Elevoc mic

Dolby dual speakers

connectivity

WI-FI

Intel® AX211 Wi-Fi 6E

Intel® BE200 Wi-Fi 7

INPUT/OUTPUT PORTS

1x USB-C 10Gbps (Power Delivery/Charging/Display Port/Data)

1x USB-C 5Gbps (Power Delivery/Charging/Data)

1x USB-A 3.2 5Gbps

1x HDMI 1.4

1x Audio Jack

1x Kensington Lock

design

DISPLAY

11.6" HD IPS anti-glare (1366 x 768, 250 nits)

DIMENSIONS (W X D X H)

287 x 200 x 19 mm / 11.3 x 7.9 x 0.75 in

WEIGHT

1.16 kg / 2.55 lbs.

MIL-STD 810H

Yes

LENOVO DURASPEC DURABILITY STANDARDS

Yes

KEYBOARD

Top-load, spill-resistant (360ml) keyboard with anti-pry full-skirt keys

COLOR

Abyss Blue

security

dTPM2.0

Self-healing BIOS

Secured Core PC

EDU BIOS

Secure Wipe

Webcam privacy shutter

Kensington® NanoSaver® lock

software

Modern Standby

Lenovo Smart Scanner



Powered by Intel®
Processor N-Series



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