RDNA 2 quietly arrives in budget laptops

Back in September, AMD launched some of the first mobile chips from its upcoming Ryzen 7000 line, the budget-oriented "Mendocino" series. At launch, they were described as tailored to "the everyday laptop," combining last-gen Zen 2 CPU cores with high-end RDNA 2 graphics.

That RDNA 2, generally seen powering much more expensive machines as well as the PS5 and Xbox Series X / S consoles, could become widely available at a budget price point was an exciting prospect. But Mendocino only announced one partner at launch: Acer and its Aspire 3 series. Since then, we've basically heard… crickets about the Mendocino series.

That is, until today. Kudos to *Notebook Italia* for spotting several new items on Lenovo's Product Specifications Reference website, making clear that the Mendocino has a new home: Lenovo's Ideapad 1. If you look at the "Processor" section of the listing, you'll see a number of Mendocino chips listed, including the Ryzen 5 7520U, the Ryzen 3 7320U, and the Athlon Gold 7220U.



IdeaPad 1 15AMN7 82VG000GKR

Lenovo PSREF Product Specifications Reference

PERFORMANCE

Processor
AMD Athlon™ Gold 7220U (2C / 4T, 2.4 / 3.7GHz, 1MB L2 / 4MB L3)

Graphics
Integrated AMD Radeon™ 610M Graphics

Chipset
AMD SoC Platform

Memory
4GB Soldered LPDDR5-5500

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

Max Memory
4GB soldered memory, not upgradable

Storage
128GB SSD M.2 2242 PCIe® 3.0x4 NVMe®

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

Storage Slot
One M.2 2280 PCIe 3.0 x2 slot

Card Reader
4-in-1 Card Reader

Optical
None

Audio Chip
High Definition (HD) Audio

Speakers
Stereo speakers, 1.5W x2, Dolby® Audio™

Camera
HD 720p with Privacy Shutter

Microphone
2x, Array

Battery
Integrated 42Wh

Max Battery Life
MobileMark® 2018: 9 hr
Local video (1080p) playback@150nits: 14 hr

Power Adapter
65W Round Tip (3-pin)

DESIGN

Display
15.6" HD (1366x768) TN 220nits Anti-glare

Touchscreen
None

Keyboard
Non-backlit, Korean

Case Color
Cloud Grey

Surface Treatment
IMR (In-Mold Decoration by Roller)

Case Material
PC-ABS (Top), PC-ABS (Bottom)

Dimensions (WxDxH)
360.2 x 236 x 17.9 mm (14.18 x 9.29 x 0.70 inches)

Weight
Starting at 1.58 kg (3.48 lbs)

SOFTWARE

Operating System
Windows® 11 Home in S mode, Korean / English

Bundled Software
Office Trial

CONNECTIVITY

Ethernet
No Onboard Ethernet

WLAN + Bluetooth®
Wi-Fi® 6 11ax, 2x2 + BT5.1

Standard Ports
- 1x USB 2.0
- 1x USB 3.2 Gen 1
- 1x USB-C® 3.2 Gen 1 (support data transfer only)
- 1x HDMI® 1.4b
- 1x Card reader
- 1x Headphone / microphone combo jack (3.5mm)
- 1x Power connector

SECURITY & PRIVACY

Security Chip
Firmware TPM 2.0

Fingerprint Reader
None

Other Security
Camera privacy shutter

SERVICE

Base Warranty
1-year, Courier or Carry-in with 2-year System Board

Included Upgrade
1Y Easy care - IPENTRY (ESS) (5WS0Z33165)

CERTIFICATIONS

Green Certifications
- ENERGY STAR® 8.0
- ErP Lot 3
- RoHS compliant

MODEL

TopSeller	: No	Announce Date	: 2022-11-18
EAN / UPC / JAN	: 196802369565	End of Support	: 2028-11-14

