

LENOVO THINKPAD Z13 GEN 2

POWERED BY THE LATEST AMD RYZEN™ PRO 7040U SERIES PROCESSORS

BOOST YOUR BUSINESS PERFORMANCE.

The Lenovo ThinkPad Z13 Gen 2 redefines mobility with its sleek and ultralight design, weighing under 1.2 kg. This 13" powerhouse is equipped with the AMD Ryzen™ PRO 7040 Series processor featuring Ryzen™ AI and AMD Radeon™ PRO Graphics for superior performance and efficiency. Crafted with recycled materials, it breaks commercial norms while meeting enterprise standards. The device offers an enhanced user experience with features such as an FHD RGB+IR dual camera, an edge-to-edge keyboard, and a Haptic Touchpad with customizable TrackPoint buttons. The ultra slim 4mm bezel design delivers the highest screen-to-body ratio ever seen in a ThinkPad notebook

See endnote GD-220a

AMD RYZEN™ 7 PRO 7840U PROCESSOR VS INTEL 13TH GEN

Lenovo ThinkPad Z13 Gen 2
AMD Ryzen™ 7 PRO 7840U



VS



Intel 13TH Gen Core
Series Processors

Up to
2.4X
BETTER
MULTITASKING
THAN COMPETITION

When compared to Intel core i7-1365U running the Cinebench R23 n-thread benchmark

Up to
71%
BETTER
SYSTEM PERFORMANCE
THAN COMPETITION

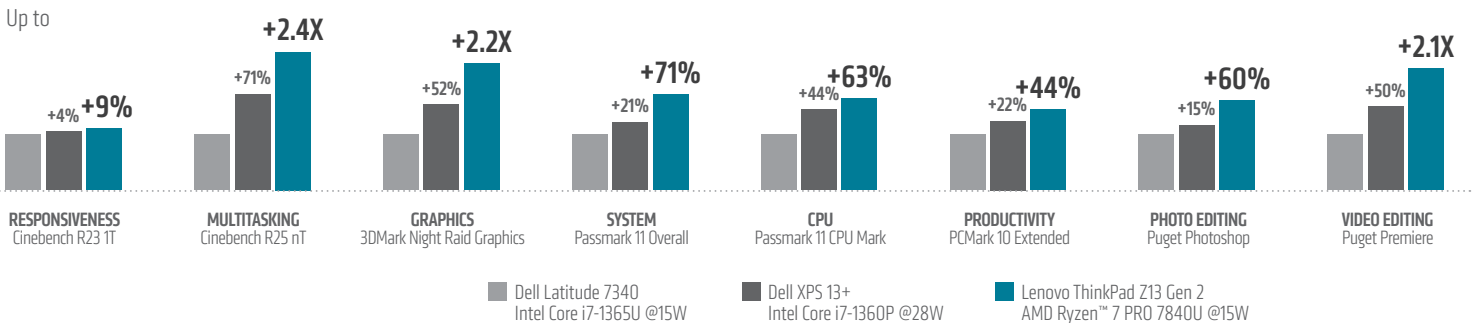
When compared to the Intel core i7-1365U running the Passmark 11 Overall benchmark

Up to
44%
BETTER
PRODUCTIVITY
THAN COMPETITION

When compared to the Intel core i7-1365U running the PCMark 10 Extended benchmark

See endnote: PHXP-70

AMD RYZEN™ 7 PRO 7840U DELIVERS LEADING PERFORMANCE VS INTEL 13TH GEN



See endnote: PHXP-70

AMD RYZEN™ PRO 7840U SERIES DELIVERS LEADERSHIP BATTERY LIFE FOR PROFESSIONALS

Up to
16% LONGER BATTERY LIFE FOR
MICROSOFT TEAMS CONFERRING

When compared to the Dell Latitude 7340 with Intel Core i7-1365U



Up to
49% LONGER BATTERY LIFE FOR
MICROSOFT TEAMS CONFERRING

When compared to the Dell XPS 13+ with Intel Core i7-1360P



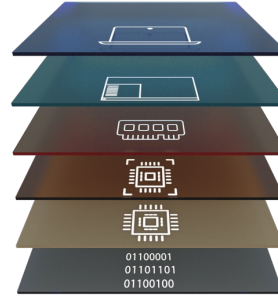
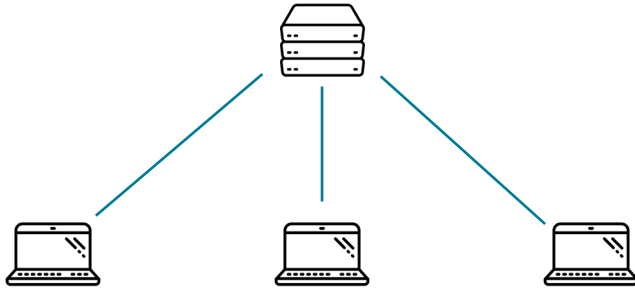
See endnote: PHXP-71

AMD PRO TECHNOLOGIES

A complete set of features that are essential to modern business. SMBs, enterprise businesses, IT admins, and general office workers can take advantage of cutting-edge security features, robust manageability tools, and enterprise-grade stability and reliability as part of AMD PRO technologies.

AMD PRO SECURITY:

Provides innovative layers of defense at the silicon, OS, and platform levels to give IT teams comprehensive security features for the entire system



See endnote: GD-206, GD-202, GD-72

- OEM SECURITY FEATURES
Lenovo ThinkShield
- WINDOWS® 11 SECURITY
Secured-Core PC
Hardware Enforced Stack Protection
- AMD MEMORY GUARD
- MICROSOFT PLUTON SECURITY
AMD Secure Processor
FIPS 140-3 Level 1 and Level 2* Certification
- AMD "ZEN 4" ARCHITECTURE
AMD Shadow Stack
- YOUR DATA

* FIPS 140-3 implementation under test

AMD SECURE PROCESSOR:

Dedicated security processor that validates code before it is executed to help ensure data and application integrity



18
MONTHS
planned software stability



24
MONTHS
planned availability



ENTERPRISE GRADE
quality assurance stability

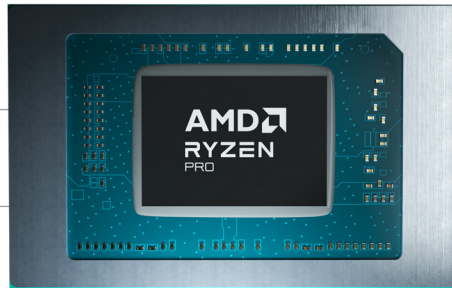
AMD PRO BUSINESS READY:

Provides a robust manageability feature set that simplifies deployment, imaging, and management of an ever-growing and changing fleet.

DESIGNED FOR PROFESSIONALS

"Zen 4" architecture delivers high frequencies, high instructions per clock, and lower latency

An incredible high-performance 8-core x86 CPU for Ultrathin Business Notebooks



Advanced 4nm process technology delivers leadership performance and battery life

AMD PRO technologies:

- ✓ AMD PRO security
- ✓ AMD PRO manageability
- ✓ AMD PRO business ready

Model	Processor	Graphics	Display	Lenovo ThinkShield	Operating System	Battery Life	Connectivity	Dimensions/Weight
Lenovo ThinkPad Z13 Gen 2	AMD Ryzen™ PRO 7040 Series Processors: AMD Ryzen™ 7 PRO 7840U AMD Ryzen™ 5 PRO 7540U	Integrated AMD Radeon™ Graphics	13.3" 16:10 2.0t bent PCB for 4mm bezels, WUXGA IPS 400nit 100% sRGB Touch & Non-touch WQXGA OLED 400nit 100% CG Dolby Vision	✓	Windows 11 Pro	Up to 6.38 hours of Teams Video Conferencing Battery Life ³	2x USB-C (USB4) Audio Jack, Wi-Fi 6E, LTE CAT4, CAT16, Bluetooth® 5.1 (Limited by OS) ⁷	295 x 200 x 13.99 mm / 11.59 x 7.86 x .55 in 1.19 kg / 2.63 lbs

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1. Ryzen™ AI is defined as the combination of a dedicated AI engine, AMD Radeon™ graphics engine, and Ryzen processor cores that enable AI capabilities. OEM and ISV enablement is required, and certain AI features may not yet be optimized for Ryzen AI processors. Ryzen AI is compatible with AMD Ryzen 7040 and 8040 Series processors except Ryzen 5 7540U, Ryzen 5 8540U, Ryzen 3 7440U, and Ryzen 3 8440U processors. Please check with your system manufacturer for feature availability prior to purchase. **GD-220a**

2. Testing as of 12/27/23 by BOX Technologies, commissioned by AMD, utilizing Dell Latitude 7340 with Intel Core™ i7 1365U processor, Intel integrated graphics, 16GB RAM, 256GB NVMe SSD and Windows 11 Pro, Dell XPS 13+ with Intel Core™ i7 1360P processor, Intel integrated graphics, 16GB RAM, 1TB NVMe SSD and Windows 11 Pro, and Lenovo ThinkPad Z13 Gen2 with AMD Ryzen 7 PRO 7840U processor, integrated Radeon Graphics, 32GB RAM, 1TB NVMe SSD, Windows 11 Pro. Using the following tests: Cinebench R23 TT, Cinebench R23 nt, 3DMark Night Raid Graphics, Passmark 11 Overall, Passmark 11 CPU Mark, PCMark 10 Extended, Puget Adobe Photoshop, and Puget Adobe Premiere. PCMark and 3DMark are registered trademarks of UL Solutions. PC manufacturers may vary configurations yielding different results. Results may vary. **PHXP-70**

3. All battery life claims are approximate. Based on internal testing by AMD as of 12/28/23. Battery life results evaluated by operation of a nine-participant Microsoft Teams video conference on battery. System configuration for AMD/Intel systems run from power level 100% > 5% @150nits brightness and power mode set to "power efficiency." System configuration for Ryzen™ 7 7840U: Lenovo ThinkPad Z13 Gen 2, AMD Radeon Graphics, 32GB RAM, 1TB NVMe SSD, Windows 11 Pro and 51Wh battery. **PHXP-71**

4. Full system memory encryption with AMD Memory Guard is included in AMD Ryzen PRO, AMD Ryzen Threadripper PRO, and AMD Athlon PRO processors. Requires OEM enablement. Check with the system manufacturer prior to purchase. **GD-206**

5. Microsoft Pluton is a technology owned by Microsoft and licensed to AMD. Microsoft Pluton is a registered trademark of Microsoft Corporation in the United States and/or other countries. Learn more at <https://www.microsoft.com/security/blog/2020/11/17/meet-the-microsoft-pluton-processor-the-security-chip-designed-for-the-future-of-windows-pcs/>. Microsoft Pluton security processor requires OEM enablement. Check with the OEM before purchase. AMD has not verified the third-party claim. **GD-202**

6. The AMD Secure Processor is a dedicated on-chip security processor integrated within each system-on-a-chip (SoC) and ASIC (Application Specific Integrated Circuit) designed by AMD. It enables secure boot with root of trust anchored in hardware, initializes a secure boot flow, and establishes an isolated Trusted Execution Environment. **GD-72**

7. Wi-Fi 6E, Wi-Fi 7 and Bluetooth 5.0 availability varies by laptop manufacturer and are system configuration dependent. Check with your laptop manufacturer for compatibility information. **GD-149a**

*"Zen 4" is a codename only and not an AMD product name. ©2023 Advanced Micro Devices, Inc.

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