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LG 17Z90TL-GU89J

LG gram 17 Laptop User Manual

Model: 17Z90TL-GU89J

Brand: LG

INTRODUCTION

Welcome to the user manual for your new LG gram 17 laptop, Model 17Z90TL-GU89J. This guide provides essential information for setting up, operating, maintaining, and troubleshooting your device. The LG gram 17 combines a large 17-inch WQXGA anti-glare display with a lightweight design (approximately 1389g), powered by the Intel® Core™ Ultra 7 Processor 258V. It features 32GB of RAM and a 1TB SSD, making it a high-performance AI PC ready for the future with Windows 11 Home and integrated AI capabilities like Copilot+ PC and gram AI.

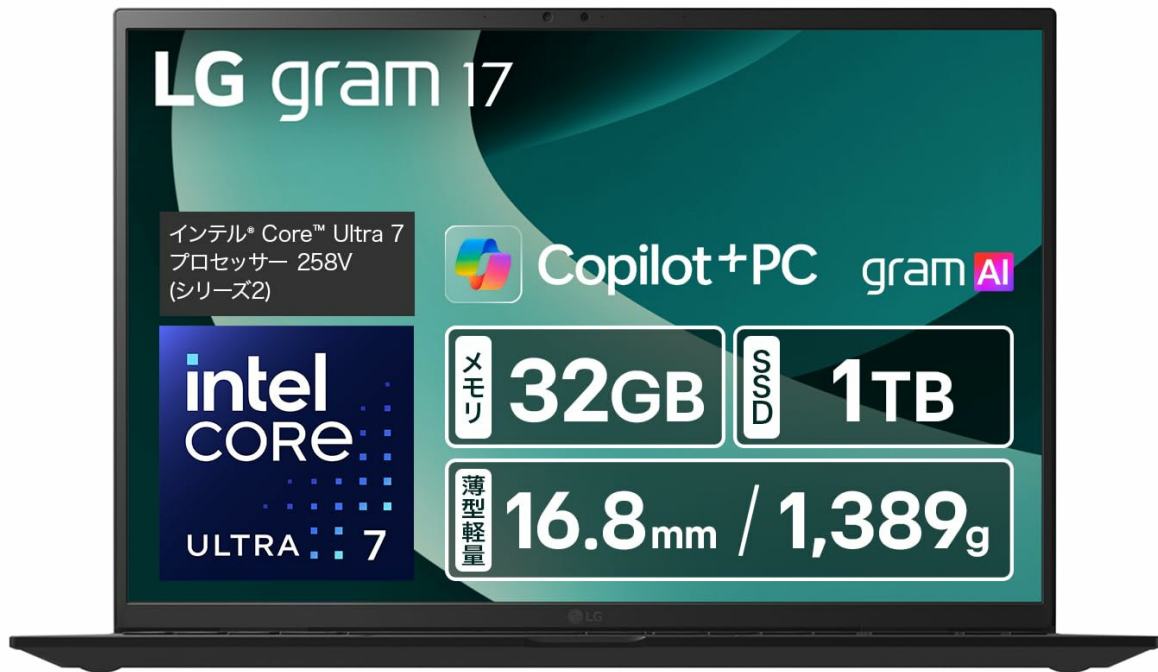


Image: The LG gram 17 laptop, showcasing its sleek design and large display.

SETUP

1. Unboxing and Initial Power On

Carefully remove your LG gram 17 from its packaging. Ensure all included accessories, such as the AC-DC adapter, USB Type-C cable, installation guide, and warranty card, are present. Connect the AC-DC adapter to the laptop and a power outlet. Press the power button to turn on your device for the first time. Follow the on-screen instructions to complete the initial Windows 11 Home setup.

2. Connecting Peripherals

Your LG gram 17 is equipped with various ports for connecting external devices:

- **USB Type-C (Thunderbolt™ 4):** Two ports for high-speed data transfer (up to 40Gbps) and external display connections (up to 5120x3200@60Hz).
- **USB Type-A (USB 3.2 Gen2x1):** Two ports for connecting standard USB devices (up to 10Gbps).

- **HDMI Output:** One port for connecting to external displays (up to 4096x2160@60Hz).
- **Stereo Mini Jack:** For headphones and microphone.



Image: Diagram illustrating the various ports available on the LG gram 17 laptop, including USB Type-C, USB Type-A, HDMI, and headphone jack.

OPERATING YOUR LG GRAM 17

Display Features

The 17-inch IPS WQXGA (2560x1600) anti-glare display offers a 16:10 aspect ratio and DCI-P3 99% color gamut, providing clear and vibrant visuals. The anti-glare panel reduces reflections, making it comfortable for extended use in various lighting conditions.

14.5時間(動画)/21.5時間(アイドル)の 長時間駆動を実現

77Whの大容量バッテリー搭載



※記載されている駆動時間はJEITAバッテリー動作時間測定法 (Ver. 3.0) に基づいて測定した結果です。使用する環境、使用状況、接続機器、システムの設定等に応じて大きく変わります。 ※画像はイメージです

Image: The LG gram 17 display showing a high-resolution image, highlighting its anti-glare properties and wide aspect ratio.

Keyboard and Touchpad

The laptop features a Japanese 104-key keyboard with a 19.05x18.5mm key pitch and 1.65±0.2mm key stroke, including a 10-key numeric pad and backlight. The large touchpad (131.5x83.3mm) supports scrolling and gesture functions for intuitive navigation.

17インチ大画面でもこの薄型軽量

軽量 1,389g

薄型 16.8mm

※画像はイメージです。

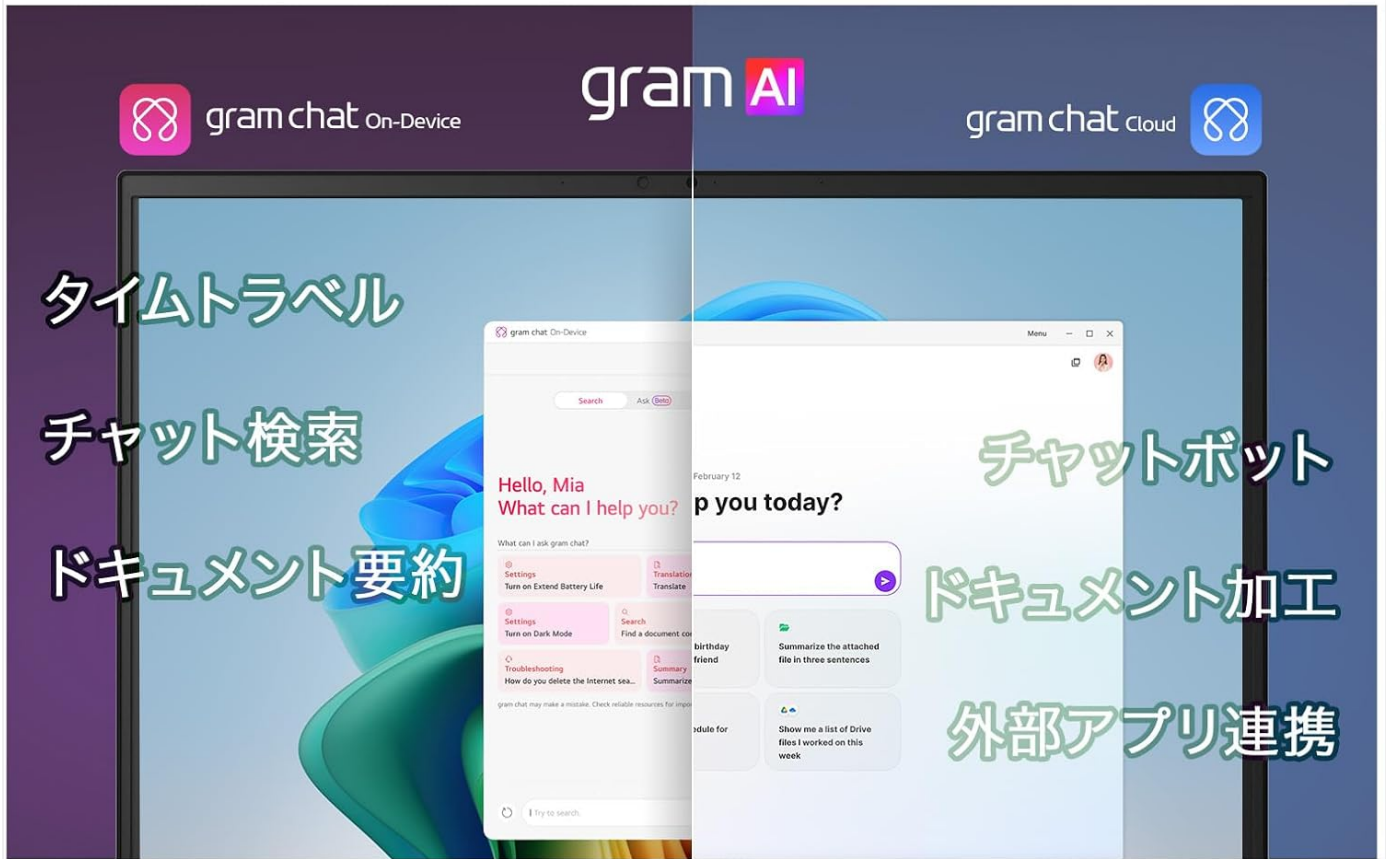
Image: Close-up view of the LG gram 17's full-size keyboard with numeric pad and large touchpad.

AI Features: Copilot+ PC and gram AI

Your LG gram 17 is a next-generation AI PC, featuring Intel® Core™ Ultra 7 Processor 258V and dedicated AI capabilities. This includes support for Copilot+ PC features in Windows 11 Home and LG's proprietary gram AI.

- **Copilot+ PC:** Utilize advanced AI functions within Windows 11, such as Recall (search past activities), Co-Creator (generate images from text), Live Captions (translate audio in real-time), and Windows Studio Effects (background blur, noise cancellation for video calls).
- **gram AI:** LG's hybrid AI leverages both on-device processing (gram chat On-Device) for secure, personalized answers from your data and cloud AI (gram chat Cloud) for comprehensive answers using GPT-4o.

エッジとクラウドを使い分けられる LG独自のハイブリッドAI



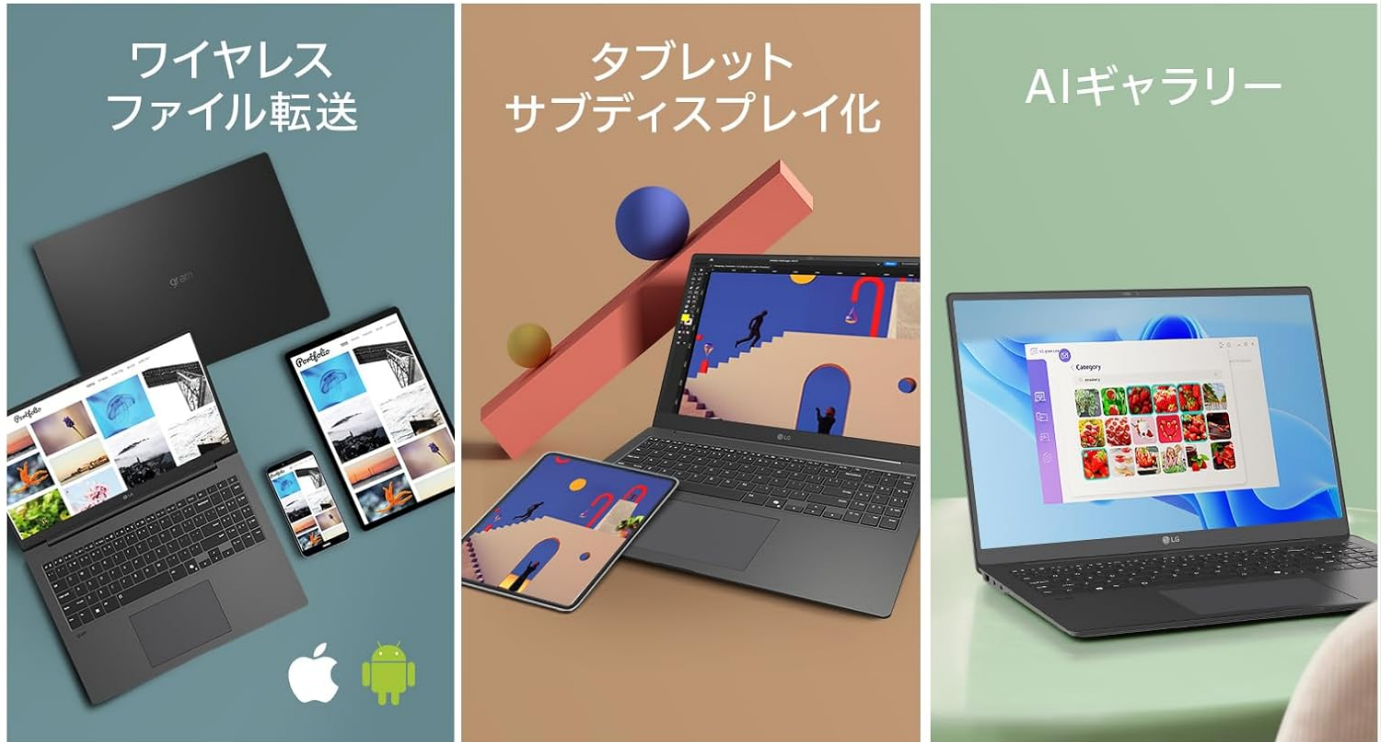
※2025年2月時点で本機能は英語及び韓国語のみ対応しております。 ※画像はイメージです

Image: Visual representation of Copilot+ PC features on the LG gram 17, including Recall, Co-Creator, Live Captions, and Windows Studio Effects.

スマホやタブレットと簡単連携

iOS/AndroidデバイスとLG gramをつなぐ

LG gram Link



※「Android」及び「Google Play」はGoogle LLCの商標です。 ※「iOS®」は米国及びその他の国におけるCisco Systems, Inc.及びその関連会社の商標です。「iOS」は、Apple Inc.のOS名称であり、ライセンス許諾を受けて使用されています。
※画像はイメージです

Image: Diagram illustrating LG's hybrid AI, gram AI, with on-device and cloud chat capabilities for enhanced productivity.

LG gram Link

The LG gram Link application allows seamless integration with your iOS or Android mobile devices. Easily share photos, videos, and documents, use your tablet as a secondary display, and manage your media efficiently with AI-powered photo organization.

ケーブル1本で理想的な作業環境を

Thunderbolt™ 4×2ポート搭載



※画像はイメージです

Image: Screenshots demonstrating LG gram Link features, including wireless file transfer, tablet as sub-display, and AI gallery for efficient media management across devices.

Official Product Videos

LG gram AI Introduction Film

Your browser does not support the video tag.

Video: An introduction to LG's proprietary Hybrid AI, "gram AI," explaining its on-device and cloud capabilities for enhanced productivity and data security.

LG gram Pro Product Introduction Video (Short)

Your browser does not support the video tag.

Video: A short product introduction video for the LG gram Pro, highlighting its key features and design.

MAINTENANCE

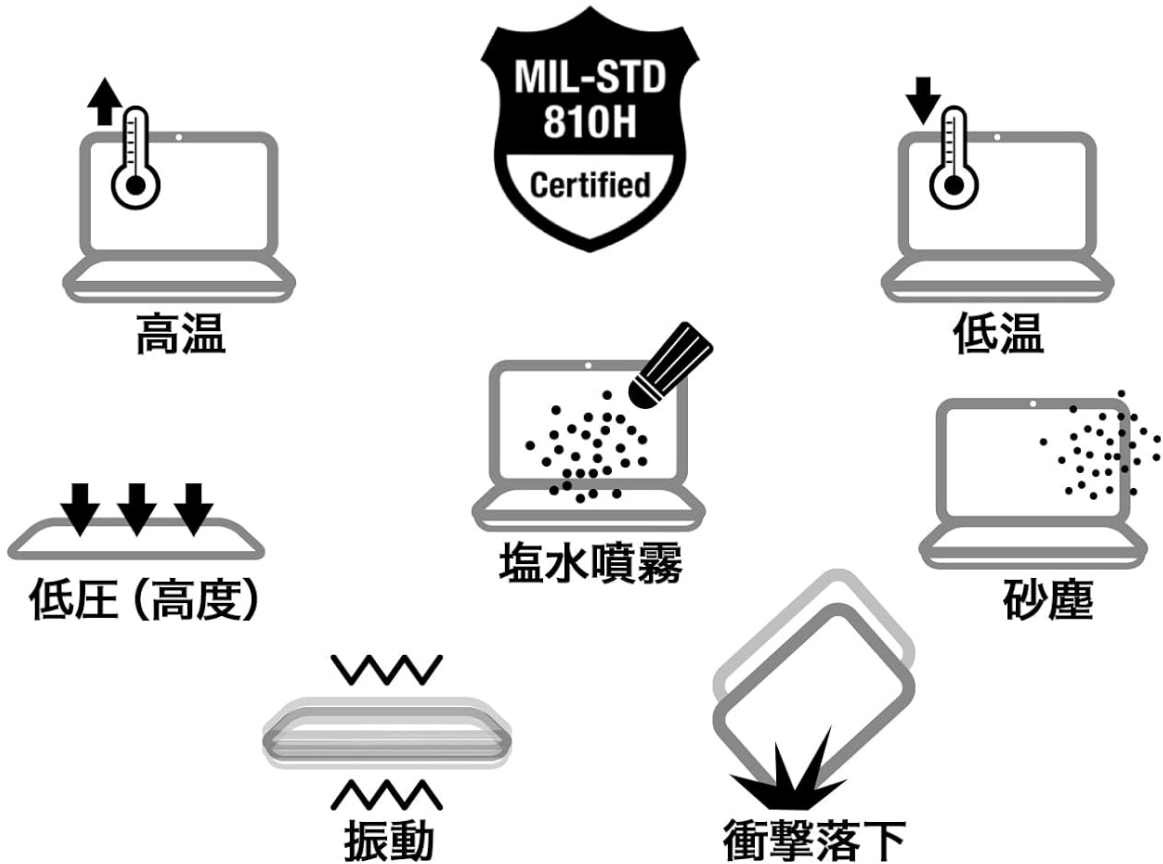
Battery Care

The LG gram 17 is equipped with a 77Wh lithium-ion battery, offering up to 14.5 hours of video playback and 21.5 hours

of idle time. To maximize battery lifespan, avoid fully discharging the battery frequently and store the laptop in a cool, dry place when not in use for extended periods. Full charging takes approximately 3 hours.

壊れるかも…という不安を軽減

米国国防総省制定「MIL-STD 810H」準拠の
テストを7項目クリアした頑強さ



※MIL規格に基づいて、KOLAS Labsにて2024年12月実施の試験による。試験内容の詳細についてはLG公式サイトをご参照ください。 ※データは試験の結果であり、同一の条件において、破損しないこと、故障しないことを保証するものではありません。
※画像はイメージです

Image: The LG gram 17 laptop displaying its battery status, indicating long-lasting power for extended use.

Durability

The LG gram 17 is built to withstand various environmental conditions, having cleared 7 items of the U.S. Department of Defense standard "MIL-STD-810H" tests. This ensures robust durability for everyday use and travel.

更に進化したAI PC

インテル® Core™
Ultra 7 プロセッサー
258V

LPDDR5X
8533MHz
32GBメモリ

NVMe
1TB SSD
(PCIe4.0)



※画像はイメージです

Image: Icons representing the MIL-STD-810H durability tests, including high temperature, low temperature, low pressure, salt spray, dust, vibration, and shock drop.

Cleaning Your Laptop

Use a soft, lint-free cloth to clean the screen and exterior surfaces. For stubborn smudges, slightly dampen the cloth with water or a screen-cleaning solution. Avoid harsh chemicals or abrasive materials that could damage the finish.

TROUBLESHOOTING

If you encounter issues with your LG gram 17, refer to the following common solutions:

- **No Power:** Ensure the AC adapter is securely connected and the power outlet is functional. Try a different outlet if necessary.
- **Display Issues:** If the screen is blank or flickering, try adjusting the brightness settings. For external monitors, ensure the cable is properly connected and the correct input source is selected on the monitor.
- **Slow Performance:** Close unnecessary applications, check for Windows updates, and ensure sufficient free space on your SSD.

- **Connectivity Problems:** For Wi-Fi or Bluetooth issues, try restarting the laptop and your router/Bluetooth device. Ensure drivers are up to date.

For more detailed troubleshooting, consult the LG Easy Guide software pre-installed on your laptop or visit the LG support website.

SPECIFICATIONS

Feature	Detail
Model Name	LG gram 17 (17Z90TL-GU89J)
Display Size	17.0 inches
Display Type	IPS LCD, WQXGA (2560x1600), 16:10 Aspect Ratio, Anti-Glare, DCI-P3 99%
Refresh Rate	60 Hz
Processor	Intel® Core™ Ultra 7 Processor 258V (Series 2), 2.2 GHz (Max 4.8 GHz)
Graphics	Intel® Arc™ Graphics 140V (Integrated)
RAM	32GB LPDDR5X 8533MHz (Onboard, not expandable)
Storage	1TB NVMe™ SSD (PCIe4.0x4, 1 empty M.2 2280 slot)
Operating System	Windows 11 Home
Ports	2x USB4 Gen3x2 (Thunderbolt™ 4), 2x USB 3.2 Gen2x1 Type-A, 1x HDMI, 1x Stereo Mini Jack (Headphone/Mic Combo)
Wireless Connectivity	Wi-Fi 6 (IEEE802.11ax), Bluetooth® 5.3
Webcam	FHD (1080p)
Security	Fingerprint Recognition
Battery	77Wh Lithium-ion (4-cell)
Battery Life	Approx. 14.5 hours (video playback), 21.5 hours (idle)
Dimensions (WxDxH)	378.8 x 258.8 x 16.8 mm (excluding protrusions)
Weight	Approx. 1389g
Included Software	My gram, gram Chat, LG gram Link, Quick Share, LG Easy Guide, LG TroubleShooting, LG Glance by Mirametrix, LG On Screen Display 3, LG Display Extension, LG Lively Theme, Dolby Atmos, McAfee® LiveSafe™ (30-day trial), Intel® Connectivity Performance Suite

＼お客様の不安に寄り添います／
LGモバイルPCユーザー向けサポート

画面を見ながら相談

**無料リモート
サポートサービス**



海外出張先、旅先でも

国際保証サービス



SSDの増設にも対応

**アップグレード
サービス 有償**



お困りの際は、ご相談ください！
国内自社日本語スタッフが対応します。



*各種サービスの対象製品、詳細については、
LG公式サイトにてご確認ください。



Image: Diagram showing the dimensions of the LG gram 17 laptop, including width, depth, and thickness.

WARRANTY INFORMATION

Your LG gram 17 comes with a 1-year manufacturer's warranty (6 months for the battery). By registering your product on the LG official website, you may be eligible for an extended warranty of up to 4 years (1 year standard + 3 years extended). Please refer to the official LG website for detailed terms and conditions regarding warranty extensions.

LG Extended Warranty Information



▲スライドしてください

SUPPORT

For further assistance, LG offers comprehensive support services for mobile PC users:

- **Free Remote Support Service:** Get assistance while viewing your screen.
- **International Warranty Service:** Support available even when traveling abroad.
- **SSD Upgrade Service (Paid):** Options for SSD expansion.

Please contact LG customer service for any inquiries. Japanese-speaking staff are available domestically.

更に進化したAI PC

インテル® Core™
Ultra 7 プロセッサー
258V

LPDDR5X
8533MHz
32GBメモリ

NVMe
1TB SSD
(PCIe4.0)



※画像はイメージです

Image: Visual representation of LG's customer support services, including remote support, international warranty, and SSD upgrade options.