

# LG Gram Pro 17Z90TP Intel Core Ultra 7 255H Laptop 43.2 cm (17") 2.5K 16 GB LPDDR5x-SDRAM 1 TB SSD Wi-Fi 7 (802.11be) Windows 11 Home Black

Gamintojas: **LG** · Modelis: **17Z90TP-G.AA78G** · EAN: **8806096386651** · Prekės kodas: **631691**



## 1 971,90 €

Kaina su PVM

Be PVM: **1 629,67 €**

**Sandėlyje**



**Prekė internetu**

Nuskenaukite kodą arba apsilankykite [www.shopro.lt](http://www.shopro.lt)

## Pagrindinės savybės

- ✓ Windows 11 Home 64-bit
- ✓ Intel Core Ultra 7 255H (24MB Cache)
- ✓ 43.2 cm (17") 2.5K 2560 x 1600 IPS-Pro
- ✓ 16GB (8400MHz) LPDDR5x-SDRAM & 1000GB SSD



## Aprašymas

### Pro AI Anywhere

LG gram Pro pairs ultra-light design with powerful AI performance. Weighing 3.02 lbs. and featuring a 17" IPS display, it's built for productivity anywhere. With the Intel®1 Core™ Ultra 7 processor (Series 2) processor and hybrid LG gram AI solutions, experience both on-device and cloud-powered AI for versatile AI performance.

### Welcome to Copilot on Windows 11 Home

Windows 11 Home brings you closer to what you love. Pursue your passions and maximize your productivity with the new Windows 11. Built with tools to help you multitask, think, create, and connect—all designed with simplicity and intuition in mind. With the power of AI with Copilot, find unexpected ideas, summarize long articles, or provide suggestions for better writing. Those are just a few of the ways AI with Copilot can help support your creative process.

Hybrid AI: On-Device and Cloud Synergy

LG gram now includes a hybrid AI2 solution that blends on-device intelligence with the capabilities of cloud-based AI. gram chat On-Device manages local tasks like smart hard drive searches and system adjustments, while gram chat Cloud delivers generative AI responses for document creation, data analysis, and administrative tasks like scheduling—all through intuitive interactions.

Intel® Evo™ Edition powered by Intel® Core™ Ultra: Up to 18% boost in CPU performance

The Intel®1 Core™ Ultra 7 CPU delivers up to 18% greater performance than its predecessor, based on Intel's IA (Intelligent Automation) performance measurements. Experience, lightning-fast speeds, AI-powered multitasking, with 16GB DDR5 memory, and Intel® Arc™ graphics for smooth, high-performance efficient computing.

Unbelievably Portable. Undeniably Strong.

The LG gram Pro laptop packs incredible performance into a half-inch-thin, 3.02 lbs. frame that's passed seven military-grade standards3 for resilience and durability. From your desk to the road, gram Pro is built to go wherever you work and play.

The power to stay unplugged

Powered by a 90Wh high-capacity battery offering up to 25.5 hours of video playback4 and equipped with our AI Smart Assistant, gram analyzes user patterns to optimize battery efficiency. Boost your productivity and enjoy uninterrupted play.

Internal Dual Cooling System

LG gram Pro's internal cooling system keeps the laptop running efficiently and helps prevent overheating.

LG gram Link

LG gram Link seamlessly connects your LG Gram with up to 10 devices across Android and iOS. Effortlessly share files, expand screens, mirror displays, and unify control—all while enhancing productivity with smarter, more connected multitasking.

Smooth Visuals Enabled by Variable Refresh Rate

Variable Refresh Rate adapts from 31Hz to 144Hz for smooth, stutter-free visuals. Whether gaming, streaming, or multitasking, enjoy fluid transitions, reduced lag, and efficient power use for an optimized experience.

Surround Sound to the Next Level

The gram features four built-in speakers delivering rich, powerful sound great for music, movies, and more. Dolby Atmos6 3D Surround Sound adds a cinematic experience with 360-degree audio, powered by a 4-channel amplifier. Enjoy premium, immersive sound - anywhere you go.

Flexible Connectivity

The LG gram Z90TL features multiple ports, including two Thunderbolt™ 4, two USB 3.2, HDMI, and headphone jack to boost efficiency and productivity. Thunderbolt™ 4 compatibility supports ultra-fast data transfer and up to 5K resolution display support.

Techninė specifikacija

| Specifications   |                         |
|------------------|-------------------------|
| Sandėlio grupė   | Notebooks [+1989][-159] |
| Design           |                         |
| Product type     | Laptop                  |
| Product colour   | Black                   |
| Form factor      | Clamshell               |
| Colour name      | Obsidian Black          |
| Housing material | Magnesium               |

|                                              |                             |
|----------------------------------------------|-----------------------------|
| Market positioning                           | High performance            |
| Introduction year                            | 2025                        |
| Country of origin                            | China                       |
| Original brand name                          | LG                          |
| Display                                      |                             |
| Display diagonal                             | 43.2 cm (17")               |
| Display resolution                           | 2560 x 1600 pixels          |
| Touchscreen                                  | No                          |
| HD type                                      | 2.5K                        |
| Panel type                                   | IPS-Pro                     |
| Native aspect ratio                          | 16:10                       |
| Display surface                              | Matt                        |
| Anti-glare screen                            | Yes                         |
| Display brightness                           | 400 cd/m²                   |
| Display diagonal (metric)                    | 43.18 cm                    |
| RGB colour space                             | DCI-P3                      |
| Colour gamut                                 | 99%                         |
| Maximum refresh rate                         | 144 Hz                      |
| Contrast ratio (typical)                     | 1500:1                      |
| Processor                                    |                             |
| Processor family                             | Intel Core Ultra 7          |
| Processor manufacturer                       | Intel                       |
| Processor model                              | 255H                        |
| Processor generation                         | Intel Core Ultra (Series 2) |
| Processor cores                              | 16                          |
| Processor threads                            | 16                          |
| Processor boost frequency                    | 5.1 GHz                     |
| Performance cores                            | 6                           |
| Efficient cores                              | 8                           |
| Low Power Efficient-cores                    | 2                           |
| Performance-core Max Turbo Frequency         | 5.1 GHz                     |
| Efficient-core Max Turbo Frequency           | 4.4 GHz                     |
| Low Power Efficient-core Max Turbo Frequency | 2.5 GHz                     |
| Performance-core base frequency              | 2 GHz                       |
| Efficient-core base frequency                | 1.5 GHz                     |

|                                         |                                                |
|-----------------------------------------|------------------------------------------------|
| Low Power Efficient-core Base Frequency | 700 MHz                                        |
| Processor cache                         | 24 MB                                          |
| Processor base power                    | 28 W                                           |
| Maximum turbo power                     | 115 W                                          |
| Neural processor unit (NPU)             |                                                |
| Neural processor unit (NPU)             | Intel AI Boost                                 |
| Sparsity support                        | Yes                                            |
| Windows Studio effects support          | Yes                                            |
| AI datatype support on NPU              | Int8                                           |
| AI software frameworks supported by NPU | DirectML, ONNX RT, OpenVINO, WebNN, Windows ML |
| Total processor performance up to       | 96 TOPs                                        |
| NPU performance up to                   | 13 TOPs                                        |
| GPU performance up to                   | 74 TOPs                                        |
| Memory                                  |                                                |
| Internal memory                         | 16 GB                                          |
| Internal memory type                    | LPDDR5x-SDRAM                                  |
| Memory clock speed                      | 8400 MHz                                       |
| Memory channels                         | Dual-channel                                   |
| Storage                                 |                                                |
| Total storage capacity                  | 1 TB                                           |
| Storage media                           | SSD                                            |
| Optical drive type                      | No                                             |
| Total SSDs capacity                     | 1 TB                                           |
| Number of SSDs installed                | 1                                              |
| SSD capacity                            | 1 TB                                           |
| SSD interface                           | PCI Express 4.0                                |
| NVMe                                    | Yes                                            |
| SSD form factor                         | M.2                                            |
| Graphics                                |                                                |
| On-board graphics card                  | Yes                                            |
| Discrete graphics card                  | No                                             |
| Discrete graphics card model            | Not available                                  |
| On-board graphics card model            | Intel Arc 140T                                 |
| On-board GPU manufacturer               | Intel                                          |

|                                                 |                     |
|-------------------------------------------------|---------------------|
| On-board graphics card family                   | Intel Arc Graphics  |
| On-board graphics card 4K support               | Yes                 |
| On-board graphics card 6K support               | Yes                 |
| On-board graphics card 8K support               | Yes                 |
| Graphics card Open GL support                   | Yes                 |
| Audio                                           |                     |
| Audio system                                    | Dolby Atmos         |
| Number of built-in speakers                     | 2                   |
| Speaker power                                   | 3 W                 |
| Built-in microphone                             | Yes                 |
| Number of microphones                           | 2                   |
| Camera                                          |                     |
| Front camera                                    | Yes                 |
| Front camera resolution                         | 1920 x 1080 pixels  |
| Front camera HD type                            | Full HD             |
| Infrared (IR) camera                            | Yes                 |
| Network                                         |                     |
| Mobile network connection                       | No                  |
| Top Wi-Fi standard                              | Wi-Fi 7 (802.11be)  |
| Wi-Fi standards                                 | Wi-Fi 7 (802.11be)  |
| Antenna type                                    | 2x2                 |
| WLAN controller model                           | Intel Wi-Fi 7 BE201 |
| WLAN controller manufacturer                    | Intel               |
| Bluetooth                                       | Yes                 |
| Bluetooth version                               | 5.4                 |
| Ports & interfaces                              |                     |
| USB 2.0 ports quantity                          | 0                   |
| USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity | 2                   |
| USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity | 0                   |
| HDMI ports quantity                             | 1                   |
| HDMI version                                    | 2.1                 |
| Thunderbolt 4 ports quantity                    | 2                   |
| Intel® Thunderbolt 4                            | Yes                 |
| Combo headphone/mic port                        | Yes                 |

|                                          |                                      |
|------------------------------------------|--------------------------------------|
| USB Type-C DisplayPort Alternate Mode    | Yes                                  |
| <b>Keyboard</b>                          |                                      |
| Numeric keypad                           | Yes                                  |
| Pointing device                          | Touchpad                             |
| Keyboard backlit                         | Yes                                  |
| Full-size keyboard                       | Yes                                  |
| Keyboard number of keys                  | 101                                  |
| Copilot key                              | Yes                                  |
| <b>Software</b>                          |                                      |
| Operating system installed               | Windows 11 Home                      |
| Operating system architecture            | 64-bit                               |
| Microsoft Copilot                        | Yes                                  |
| <b>Processor special features</b>        |                                      |
| Video decode engine                      | Yes                                  |
| Video encode engine                      | Yes                                  |
| <b>Brand-specific features</b>           |                                      |
| Brand specific technologies              | Intelligent Privacy, Wide color (P3) |
| <b>Battery</b>                           |                                      |
| Battery capacity                         | 77 Wh                                |
| Battery technology                       | Lithium-Ion (Li-Ion)                 |
| <b>Power</b>                             |                                      |
| USB Type-C charging port                 | Yes                                  |
| USB Type-C required charging power (max) | 65 W                                 |
| AC adapter power                         | 65 W                                 |
| <b>Security</b>                          |                                      |
| Cable lock slot                          | Yes                                  |
| Cable lock slot type                     | Kensington                           |
| Face recognition                         | Yes                                  |
| Windows Hello                            | Yes                                  |
| <b>Weight &amp; dimensions</b>           |                                      |
| Weight                                   | 1.37 kg                              |
| Width                                    | 379.4 mm                             |
| Depth                                    | 265.4 mm                             |
| Height                                   | 14.6 mm                              |

|                |         |
|----------------|---------|
| Height (front) | 1.32 cm |
|----------------|---------|

|               |         |
|---------------|---------|
| Height (rear) | 1.46 cm |
|---------------|---------|

#### Packaging data

|               |        |
|---------------|--------|
| Package width | 499 mm |
|---------------|--------|

|               |       |
|---------------|-------|
| Package depth | 60 mm |
|---------------|-------|

|                |        |
|----------------|--------|
| Package height | 307 mm |
|----------------|--------|

|                |         |
|----------------|---------|
| Package weight | 2.45 kg |
|----------------|---------|

#### Packaging content

|                     |     |
|---------------------|-----|
| AC adapter included | Yes |
|---------------------|-----|

#### Other features

|                 |           |
|-----------------|-----------|
| Warranty period | 1 year(s) |
|-----------------|-----------|