

# 16Z90TR-E.ADB9U1

LG gram Pro 16 inch, Thin and Lightweight Laptop, Windows 11 Home, Intel Evo Edition - Intel® Core™ Ultra9, 32GB RAM, 2TB SSD, RTX 5050, Black

**16" WQXGA (2560x1600) IPS Display**

**Windows 11 Home**

**Intel® Evo™ Edition powered by Intel® Core™ Ultra9 (Series 2) 285H Processor**

**NVIDIA RTX5050 with GDDR7 8GB**

**32GB LPDDR5X (Dual Channel, 8400MHz) RAM**

**2TB (1TBx2) M.2 Dual SSD slots, Gen4 SSD**

**FHD IR Webcam with Dual Mic (Face recognition)**

**90 Wh Li-Ion Battery**

**MIL-STD 810H Passed**



## GENERAL INFORMATION

Model 16Z90TR-E.ADB9U1

Product Category gram Pro

Color Obsidian Black

## DISPLAY

Size (Inch) 16inch

Resolution WQXGA (2560x1600)

Ratio 16:10

Panel Type IPS

Pol Anti-Glare

Refresh Rate 31-144Hz VRR

Brightness 400nit

Color Gamut DCI-P3 99% (Typical)

## SYSTEM

Processor Intel® Core™ Ultra9 (Series 2) 285H (16 Cores: 6P + 8E + 2 LPE, P: 2.9 up to 5.4 GHz / E: 2.7 up to 4.5 GHz), Intel Smart Cache 24 MB

Operation System Windows 11 Home

Graphics Card NVIDIA RTX5050 with GDDR7 8GB

## STORAGE

Memory 32GB LPDDR5X (Dual Channel, 8400MHz)

SSD 2TB (1TBx2) M.2 Dual SSD slots, Gen4

## CONNECTIVITY

Wireless Intel WiFi-7

Bluetooth BT 5.4

Webcam FHD IR Webcam with Dual Mic (Face recognition)

Audio HD Audio with Dolby Atmos

Speaker Stereo Speaker, Smart AMP

Security SSD Security

## INPUT DEVICE

Keyboard Full Size Backlit Keyboard (US: 97 Keys w/ 3 Column Numeric Keypad)

Pointing Device Precision Touch Pad w/ Scroll and Gesture Function

## PORTS/CONNECTION

HP-Out 4Pole Headset, US type

USB Type A USB 3.2 Gen1 (x2)

USB Type C USB 4 Gen3x2 Type C (x2, with Power Delivery, Display Port, Thunderbolt 4)

HDMI HDMI 2.1 (4K@60Hz)

Battery 90 Wh Li-Ion  
Video playback: up to 27 hours

AC Adapter 100W (2pole) with external C-to-C cable (3A cable)

Thermal Mega dual cooling system

LED Power, Caps Lock, Charging (White single color), IR LED, Webcam LED, MIC LED

## DIMENSIONS / WEIGHT

Dimension (W x D x H) 14.1 x 9.9 x 0.57~0.62

Shipping Dimension (W x D x H) 18.7 x 11.4 x 2.4

Weight (lb) 3.00 lbs

Shipping Weight (lb) 5.31 lbs

## PRE-INSTALLED SW

Microsoft 365 (30 Days Trial) Yes

LG gram Link Yes

gram AI Yes

LG Update & Renew Yes

Dolby Atmos Yes

## WARRANTY / UPC

Limited Warranty 1 year parts and labor

UPC 195174129784

Country of origin China