

16Z90TR-E.ADB7U1

LG gram Pro 16 inch, Thin and Lightweight Laptop, Windows 11 Home, Intel Evo Edition - Intel® Core™ Ultra7, 16GB RAM, 2TB SSD, RTX 5050, Black

16" WQXGA (2560x1600) IPS Display

Windows 11 Home

Intel® Evo™ Edition powered by Intel® Core™ Ultra7 (Series 2) 255H Processor

NVIDIA RTX5050 with GDDR7 8GB

16GB 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.ADB7U1
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™ Ultra7 (Series 2) 255H (16 Cores: 6P + 8E + 2 LPE, P: 2 up to 5.1 GHz / E: 1.5 up to 4.4 GHz, Intel Smart Cache 24 MB)
Operation System	Windows 11 Home
Graphics Card	NVIDIA RTX5050 with GDDR7 8GB

STORAGE

Memory	16GB 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	195174128695
Country of origin	China