



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

- KEY FEATURES
- 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



PRODUCT INFO

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