



16Z90SP-A.ADB8U1

LG gram Pro 16-inch Thin and Lightweight Laptop, Intel® Evo™ Edition - Intel® Core™ Ultra 7, 32GB RAM, 1TB SSD with NVIDIA RTX 3050 and OLED display

- 16" WQXGA+ 2880 x 1800 OLED Display
- Windows 11 Home
- Intel® Evo™ Edition powered by Intel® Core™ Ultra 7 155H processors
- NVIDIA RTX3050 with GDDR6 4GB
- 32GB LPDDR5x RAM
- 1TB NVMe PCIe Gen 4 SSD
- FHD Webcam + IR Camera with Webcam & Dual Mic.
- Wi-Fi 6
- 90 Wh Lithium Battery
- MIL-STD 810H Passed
- Dolby Atmos



GENERAL INFORMATION	
Model	16Z90SP-A.ADB8U1
Product Category	gram Pro
Color	Obsidian Black
DISPLAY	
Size (Inch)	16-inch
Resolution	WQXGA+ 2880 x 1800
Panel Type	OLED, VRR (48~120Hz)
Pol	Glare
Brightness	400nits
Color Gamut	DCI-P3 100% (Typical)
SYSTEM	
Processor	Intel® Evo™ Edition powered by Intel® Core™ Ultra 7 155H processors Ultra 7 155H (16 Cores: 6P + 8E + 2 LPE, P: 1.4 up to 4.8 GHz / E: 0.9 up to 3.8 GHz), Intel Smart Cache 24 MB
Operation System	Windows 11 Home
Graphics Card	NVIDIA RTX3050 with GDDR6 4GB
STORAGE	
Memory	32GB (LPDDR5x Max 7467 MHz, Dual Channel)
SSD	Dual SSD (M.2) NVMe PCIe Gen 4 : 1TB
CONNECTIVITY	
Wireless	Intel Wi-Fi-6 AX211 (WiFi 6, 2x2, BT Combo)
Bluetooth	BT 5.3
Webcam	FHD Webcam + IR Camera with Webcam & Dual Mic.
Audio	HD Audio with Dolby Atmos
Speaker	Stereo Speaker (3.0W x2) Smart AMP (MAX 5W)
Security	SSD Security

INPUT DEVICE	
Keyboard	Full Size Backlit Keyboard with MIC LED indication (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 Gen2 (x2)
USB Type C	USB 4 Gen3x2 Type C (x2, with Power Delivery, Display Port, Thunderbolt 4)
Thunderbolt 4	Yes
HDMI	HDMI (4K@60Hz)
Battery	90Wh Video playback: up to 24.5 hours
AC Adapter	90W (3pole) with external C-to-C cable (5A cable) and extra AC power cord
Thermal	Mega cooling system
Facial Login	Yes
LED	Power, Caps Lock, Charging (White single color), IR LED, Webcam LED, MIC LED
DIMENSIONS / WEIGHT	
Dimensions (WxDxH)	14.08 x 9.9 x 0.51~0.56 inches
Shipping Dimensions (WxDxH)	18.7 x 11.4 x 2.4 inches
Weight (lb)	2.82 lbs
Shipping Weight (lb)	4.7 lbs
PRE-INSTALLED SW	
Microsoft 365 (30 Days Trial)	Yes
LG Glance by Mirametrix®	Yes
Intel® Unison	Yes
LG gram Link	Yes
McAfee Live Safe (30 Days Trial)	Yes
WARRANTY / UPC	
Limited Warranty	1 year parts and labor
UPC	195174075197
Country of origin	China