

# 16Z90U-H.AU77U1

LG gram Pro 16-inch Copilot+ PC, Windows 11 Home, Lightweight Dual AI Touchscreen Laptop, Intel® Core™ Ultra 7, 16GB RAM, 1TB SSD, Black

KEY FEATURES

- 16" WQXGA (2560 x 1600) IPS Touch Display
- Windows 11 Home
- Intel® Core™ Ultra 7 355 Processor
- Intel® graphics
- 16GB LPDDR5X (Dual Channel, 7500MHz) RAM
- 1TB SSD
- 77 Wh Li-Ion Battery (Up to 28.5 hours video playback)
- MIL-STD 810H Passed



PRODUCT INFO

## GENERAL INFORMATION

Model	16Z90U-H.AU77U1
Product Category	gram Pro
Color	Obsidian Black

## DISPLAY

Size (Inch)	16inch
Resolution	WQXGA (2560 x 1600)
Ratio	16:10
Panel Type	IPS Touch
Pol	Glare
Refresh Rate	60Hz
Brightness	350nit
Color Gamut	DCI-P3 99% (Typical)

## SYSTEM

Processor	Intel® Core™ Ultra 7 355 (8 Cores: 4P + 4 LP-E, P-Core Max 4.7 GHz, Intel Smart Cache 12MB)
Operation System	Windows 11 Home
Graphics Card	Intel® graphics
Copilot+ PC	Yes

## STORAGE

Memory	16GB LPDDR5X (Dual Channel, 7500MHz)
SSD	M.2 Dual SSD slots, Gen4 - NVMe : 1TB

## CONNECTIVITY

Wireless	Intel Wi-Fi 7 BE211 (WiFi7, 2x2, BT Combo)
Bluetooth	BT 6.0
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	77 Wh Li-Ion Video playback: 28.5 hours
AC Adapter	65W (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 0.52~0.6 inches
Shipping Dimension (W x D x H)	18.7 x 11.4 x 2.4 inches
Weight (lb)	2.97 lbs
Shipping Weight (lb)	4.3 lbs

## PRE-INSTALLED SW

Microsoft 365 (30 Days Trial)	Yes
LG gram Link	Yes
gram AI	Yes
My ThinQ	Yes
LG Update & Renew	Yes
Dolby Atmos	Yes

## WARRANTY / UPC

Limited Warranty	1 year parts and labor
UPC	195174147054
Country of origin	China