

2025 LG gram Pro 16/17-inch

This all-new 2025 LG gram Pro features Intel® Core Ultra 7 and Ultra 9 Processors



16/17Z90TR Series

- Windows 11 Pro (64bit)
- Intel Core Ultra 7 / Ultra 9 Processor Options
- 16GB / 32GB System Memory
- 1 TB / 2 TB Dual SSD Storage Options
- 16.0" / 17.0" WQXGA IPS
- DCI-P3 99% Color Gamut
- NVIDIA GeForce RTX 5050
- SSD Security, dTPM (reserve)
- FHD Webcam + IR Camera w/Webcam & Dual Mic
- Dedicated Numeric Keypad
- Tough MIL-STD-810G Compliant

KEY FEATURES

Combining a tough, lightweight magnesium alloy body with an ultra-thin form factor, excellent performance and great battery life, The new LG gram Pro is the ultimate tool for the business traveler. This LG gram Pro has been redesigned with Intel Core Ultra 7 / Ultra 9 processors, narrower bezels on all four sides, a 16:10 aspect ratio while retaining its powerful 90 Wh battery.

Light Weight

The LG gram Pro 16/17-inch laptop offers awesome screen size without the weight. With gram's innovative design and construction, this laptop weighs around 3 pounds, so it's easy to take anywhere.



Tough & Low Profile

The sleek metal alloy body of the LG gram Pro combines advanced nano carbon with magnesium to create a light weight yet durable housing for the computer that's still beautifully thin.

Cutting Edge Architecture

The LG gram Pro is powered by the advanced Intel® Core™ Ultra 7 and Ultra 9 processors, delivering exceptional AI processing, power efficiency, and high performance for demanding creative and professional workloads.



Built to Perform at Peak

NVIDIA GeForce RTX™ 5050 8GB Laptop GPU delivers smooth and efficient performance for demanding creative tasks like rendering and video editing. With advanced ray tracing and enhanced processing power, it's designed to help professionals work faster and bring their ideas to life with greater precision.

LG gram Pro 16/17Z90TR Series

		17Z90TR-E.AZB8U1	16Z90TR-E.AZB9U1	16Z90TR-E.AZB8U1	16Z90TR-E.APB6U1
Display	Size (Inch)	17 in.	16 in.	16 in.	16 in.
	Size (cm)	43.18 cm	40.6 cm	40.6 cm	40.6 cm
	Resolution	WQXGA (2560x1600)	WQXGA+ (2560x1600)	WQXGA (2560x1600)	WQXGA (2560x1600)
	Ratio	16:10	16:10	16:10	16:10
	Panel Type	IPS LCD	IPS LCD	IPS LCD	IPS LCD
	Refresh Rate	IPS VRR - 31 to 144 Hz	IPS VRR - 31 to 144 Hz	IPS VRR - 31 to 144 Hz	IPS VRR - 31 to 144 Hz
	Brightness	400 nits	400 nits	400 nits	400 nits
	Color gamut	DCI-P3 99% (Typical)	DCI-P3 99% (Typical)	DCI-P3 99% (Typical)	DCI-P3 99% (Typical)
Operating System		Windows 11 Pro	Windows 11 Pro	Windows 11 Pro	Windows 11 Pro
Processor		Intel® Core™ Ultra9 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	Intel® Core™ Ultra9 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	Intel® Core™ Ultra9 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	Intel® Core™ Ultra7 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
System Memory		32 GB (LPDDR5x Max 8400 MHz, Dual Channel)	32 GB (LPDDR5x Max 8400 MHz, Dual Channel)	32 GB (LPDDR5x Max 8400 MHz, Dual Channel)	32 GB (LPDDR5x Max 8400 MHz, Dual Channel)
Graphics		NVIDIA GeForce RTX 5050 with GDDR7 8GB	NVIDIA GeForce RTX 5050 with GDDR7 8GB	NVIDIA GeForce RTX 5050 with GDDR7 8GB	NVIDIA GeForce RTX 5050 with GDDR7 8GB
Storage		1 TB (1 x 1 TB) M.2, Gen4 - NVMe	2 TB (2 x 1 TB) M.2, Gen4 - NVMe	1 TB (1 x 1 TB) M.2, Gen4 - NVMe	1 TB (1 x 1 TB) M.2, Gen4 - NVMe
Comm.	Wireless	Intel WiFi-7 (WiFi 7, 2x2, BT Combo)	Intel WiFi-7 (WiFi 7, 2x2, BT Combo)	Intel WiFi-7 (WiFi 7, 2x2, BT Combo)	Intel WiFi-7 (WiFi 7, 2x2, BT Combo)
	Bluetooth	BT 5.4	BT 5.4	BT 5.4	BT 5.4
Webcam		FHD IR Webcam with Dual Mic (Face recognition)	FHD IR Webcam with Dual Mic (Face recognition)	FHD IR Webcam with Dual Mic (Face recognition)	FHD IR Webcam with Dual Mic (Face recognition)
Sound Effect		HD Audio with Dolby Atmos	HD Audio with Dolby Atmos	HD Audio with Dolby Atmos	HD Audio with Dolby Atmos
Speaker		Stereo Speaker (3.0W x4) Smart AMP (MAX 5W)	Stereo Speaker (3.0W x4) Smart AMP (MAX 5W)	Stereo Speaker (3.0W x4) Smart AMP (MAX 5W)	Stereo Speaker (3.0W x4) Smart AMP (MAX 5W)
Security		SSD Security, dTPM (reserve)	SSD Security, dTPM (reserve)	SSD Security, dTPM (reserve)	SSD Security, dTPM (reserve)
Input Devices	Keyboard	Full Size Backlit Keyboard (US: 100Key with 4 Column Numeric Keypad)	Full Size Backlit Keyboard (US: 100Key with 4 Column Numeric Keypad)	Full Size Backlit Keyboard (US: 100Key with 4 Column Numeric Keypad)	Full Size Backlit Keyboard (US: 100Key with 4 Column Numeric Keypad)
	Pointing Device	Precision Touch Pad with Scroll and Gesture Function	Precision Touch Pad with Scroll and Gesture Function	Precision Touch Pad with Scroll and Gesture Function	Precision Touch Pad with Scroll and Gesture Function
I/O Port	Headphone Out	4-Pole Headset, US type	4-Pole Headset, US type	4-Pole Headset, US type	4-Pole Headset, US type
	USB Type A	USB 3.2 Gen2 (x2)	USB 3.2 Gen2 (x2)	USB 3.2 Gen2 (x2)	USB 3.2 Gen2 (x2)
	USB Type C	USB 4 Gen3x2 Type C (x2, with Power Delivery, Display Port, Thunderbolt 4)	USB 4 Gen3x2 Type C (x2, with Power Delivery, Display Port, Thunderbolt 4)	USB 4 Gen3x2 Type C (x2, with Power Delivery, Display Port, Thunderbolt 4)	USB 4 Gen3x2 Type C (x2, with Power Delivery, Display Port, Thunderbolt 4)
	HDMI	HDMI (4K @ 60 Hz)	HDMI (4K @ 60 Hz)	HDMI (4K @ 60 Hz)	HDMI (4K @ 60 Hz)
Battery		90 Wh Li-Ion	90 Wh Li-Ion	90 Wh Li-Ion	90 Wh Li-Ion
AC Adapter		100W (2-Pole) with External C-to-C cable (3A Cable)	100W (2-Pole) with External C-to-C cable (3A Cable)	100W (2-Pole) with External C-to-C cable (3A Cable)	100W (2-Pole) with External C-to-C cable (3A Cable)
Button		Power Button with LED	Power Button with LED	Power Button with LED	Power Button with LED
LED Indicators		Power, Caps Lock, Charging (White single color), IR LED, Webcam LED, MIC LED	Power, Caps Lock, Charging (White single color), IR LED, Webcam LED, MIC LED	Power, Caps Lock, Charging (White single color), IR LED, Webcam LED, MIC LED	Power, Caps Lock, Charging (White single color), IR LED, Webcam LED, MIC LED
Dimensions	Dimensions	14.9 x 10.4 x 0.57 to 0.63 in. 378.5 x 264.2 x 14.5 to 16 mm	14.1 x 9.9 x 0.57 to 0.62 in. 358.1 x 251.5 x 14.5 to 15.7 mm	14.1 x 9.9 x 0.57 to 0.62 in. 358.1 x 251.5 x 14.5 to 15.7 mm	14.1 x 9.9 x 0.57 to 0.62 in. 358.1 x 251.5 x 14.5 to 15.7 mm
	Shipping Dimensions	19.6 x 12.1 x 2.4 in. 497.8 x 307.3 x 60.9 mm	18.7 x 11.4 x 2.4 in. 474.9 x 289.5 x 60.9 mm	18.7 x 11.4 x 2.4 in. 474.9 x 289.5 x 60.9 mm	18.7 x 11.4 x 2.4 in. 474.9 x 289.5 x 60.9 mm
Weight	Weight	3.26 lbs. / 1.5 kg	3.00 lbs. / 1.4 kg	3.00 lbs. / 1.4 kg	3.00 lbs. / 1.4 kg
	Shipping Weight	5.51 lbs. / 2.5 kg	5.31 lbs. / 2.4 kg	5.31 lbs. / 2.4 kg	5.31 lbs. / 2.4 kg
Color		Obsidian Black	Obsidian Black	Obsidian Black	Obsidian Black
Software		LG gram Link LG Update & Renew LG Easy Guide LG PC Manuals LG Display Extension LG On Screen Display LG Lively Theme LG Glance by Mirametrix® Dolby Atmos Intel® Connectivity Performance Suite McAfee Live Safe (30 Days Trial) Microsoft 365 (30 Days Trial) My gram gram Chat LG xboom Buds	LG gram Link LG Update & Renew LG Easy Guide LG PC Manuals LG Display Extension LG On Screen Display LG Lively Theme LG Glance by Mirametrix® Dolby Atmos Intel® Connectivity Performance Suite McAfee Live Safe (30 Days Trial) Microsoft 365 (30 Days Trial) My gram gram Chat LG xboom Buds	LG gram Link LG Update & Renew LG Easy Guide LG PC Manuals LG Display Extension LG On Screen Display LG Lively Theme LG Glance by Mirametrix® Dolby Atmos Intel® Connectivity Performance Suite McAfee Live Safe (30 Days Trial) Microsoft 365 (30 Days Trial) My gram gram Chat LG xboom Buds	LG gram Link LG Update & Renew LG Easy Guide LG PC Manuals LG Display Extension LG On Screen Display LG Lively Theme LG Glance by Mirametrix® Dolby Atmos Intel® Connectivity Performance Suite McAfee Live Safe (30 Days Trial) Microsoft 365 (30 Days Trial) My gram gram Chat LG xboom Buds
Warranty		3 Year Limited	3 Year Limited	3 Year Limited	3 Year Limited

Life's Good.



#LoveWhatYouSeeLG



@LGforBusinessUSA

Copyright 2025 © LG Electronics USA, Inc., 2000 Millbrook Drive Lincolnshire, IL 60069, USA. All rights reserved. LG and the LG logo are registered trademarks of LG Corp. All other products and brand names are trademarks or registered trademarks of their respective companies. Designs, features, and specifications are subject to change without notice. All screen images are simulated for illustrative purposes only. SPEC_16/17Z90TR_1125_7.0A

