

# 2023 LG gram 14-inch

This all-new 2023 LG gram features 13th Gen Core® i7 and i5 Processors



KEY FEATURES

## 14Z90R Series

- Windows 11 Pro (64bit)
- Intel 13th Gen i7 / i5 Processor Options
- 16GB / 8GB System Memory Options
- 1TB / 512GB / 256GB SSD Storage Options
- 14.0" WUXGA (1920x1200) IPS Display
- DCI-P3 99% Color Gamut
- Intel Iris Xe Graphics
- Trusted Platform Module (TPM) Security
- HD Webcam with Dual Microphone
- Dedicated Numeric Keypad
- Ultra-thin 0.66" Thickness
- Extremely Light 2.2 lbs.
- Tough MIL-STD-810G Compliant

Combining a tough, lightweight magnesium alloy body with an ultra-thin form factor, excellent performance and great battery life, The new LG gram is the ultimate tool for the business traveler. This LG gram has been redesigned with 13th Gen Intel processors, narrower bezels on all four sides, a 16:10 aspect ratio while retaining its powerful 72 Wh battery.

### Light Weight

The LG gram 14-inch laptop offers awesome screen size without the weight. With gram's innovative design and construction, this laptop weighs just 2.2 pounds, so it's easy to take anywhere.



### Tough & Low Profile

The sleek metal alloy body of the LG gram combines advanced nano carbon with magnesium to create a light weight yet durable housing for the computer that's still beautifully thin at 0.66" thick.

### Intel vPro®

For enterprises that need improved security, performance, and manageability, Intel vPro offers a potent platform. Intel vPro is an excellent part of selected LG gram models that has built-in hardware-based security features, remote management capability, and tremendous processing power.



### Long-Lasting Battery

Portability is a function of battery life in addition to size and weight, and this LG gram has been designed to keep going with up to 15.5 hours of power\* to hit deadlines and keep streaming long after others have quit.

# LG gram 14Z90R Series with Intel vPro®

		14Z90R-Q.APB7U1	14Z90R-Q.APB5U1	14Z90R-Q.APB3U1
Processor		i7-1370P 13th Gen Intel® Core™ Processor with 12 Cores (4P+8E) 4 Performance Cores @ 2.2 GHz with turbo up to 5.0 GHz 8 Efficient Cores @ 1.6 GHz with turbo up to 3.7 GHz 18 MB Intel Smart Cache	i5-1350P 13th Gen Intel® Core™ Processor with 12 Cores (4P+8E) 4 Performance Cores @ 1.9 GHz with turbo up to 4.6 GHz 8 Efficient Cores @ 1.4 GHz with turbo up to 3.4 GHz 12 MB Intel Smart Cache	i5-1350P 13th Gen Intel® Core™ Processor with 12 Cores (4P+8E) 4 Performance Cores @ 1.9 GHz with turbo up to 4.6 GHz 8 Efficient Cores @ 1.4 GHz with turbo up to 3.4 GHz 12 MB Intel Smart Cache
Operation System		Windows 11 Pro	Windows 11 Pro	Windows 11 Pro
Intel vPro®		YES	YES	YES
System Memory		16GB LPDDR5 (Dual Channel, 6000MHz)	8GB LPDDR5 (Dual Channel, 6000MHz)	8GB LPDDR5 (Dual Channel, 6000MHz)
Storage	SSD	1TB NVMe Gen4 M.2(2280) Dual SSD slots	512GB NVMe Gen4 M.2(2280) Dual SSD slots	256GB NVMe Gen4 M.2(2280) Dual SSD slots
Display	Diagonal	14 in. 35.5 cm	14 in. 35.5 cm	14 in. 35.5 cm
	Resolution	WUXGA (1920 x 1200)	WUXGA (1920 x 1200)	WUXGA (1920 x 1200)
	Ratio	16:10	16:10	16:10
	Panel Type	IPS Non Touch	IPS Non Touch	IPS Non Touch
	Refresh Rate	60Hz	60Hz	60Hz
	Brightness	350 nits	350 nits	350 nits
	Color gamut	DCI-P3 99% (Typical, min 95%)	DCI-P3 99% (Typical, min 95%)	DCI-P3 99% (Typical, min 95%)
Graphics		Intel Iris Xe Graphics	Intel Iris Xe Graphics	Intel Iris Xe Graphics
Wireless		Intel® Wireless-AX211 (802.11ax, 2x2, Dual Band, BT Combo)	Intel® Wireless-AX211 (802.11ax, 2x2, Dual Band, BT Combo)	Intel® Wireless-AX211 (802.11ax, 2x2, Dual Band, BT Combo)
Bluetooth		BT 5.1	BT 5.1	BT 5.1
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)
Sound Effect		HD Audio with Dolby Atmos	HD Audio with Dolby Atmos	HD Audio with Dolby Atmos
Speakers		1.5W x 2 Stereo Speakers	1.5W x 2 Stereo Speakers	1.5W x 2 Stereo Speakers
Security		SSD Security, fTPM/HW TPM(Optional), Slim Kensington lock	SSD Security, fTPM/HW TPM(Optional), Slim Kensington lock	SSD Security, fTPM/HW TPM(Optional), Slim Kensington lock
Input Devices	Keyboard	Full Size 79-Key Backlit Keyboard	Full Size 79-Key Backlit Keyboard	Full Size 79-Key Backlit Keyboard
	Pointing Device	Precision Touch Pad with Scroll and Gesture Functions (111.6 x 69.6 mm)	Precision Touch Pad with Scroll and Gesture Functions (111.6 x 69.6 mm)	Precision Touch Pad with Scroll and Gesture Functions (111.6 x 69.6 mm)
Memory Card		Micro SD	Micro SD	Micro SD
Connectivity	Headphone Out	4-Pole 3.5mm Headset Jack	4-Pole 3.5mm Headset Jack	4-Pole 3.5mm Headset Jack
	USB Type A	USB 3.2 Gen2x1 (x2)	USB 3.2 Gen2x1 (x2)	USB 3.2 Gen2x1 (x2)
	USB Type C	USB 4 Gen3x2 Type C (x2) with USB PD, Display Port, Thunderbolt 4	USB 4 Gen3x2 Type C (x2) with USB PD, Display Port, Thunderbolt 4	USB 4 Gen3x2 Type C (x2) with USB PD, Display Port, Thunderbolt 4
	HDMI	HDMI	HDMI	HDMI
Battery		72 Wh Li-Ion MobileMark 2018: 15.5 hr Video playback: 24.5 hr JEITA 2.0: 28.5 hr	72 Wh Li-Ion MobileMark 2018: 15.5 hr Video playback: 24.5 hr JEITA 2.0: 28.5 hr	72 Wh Li-Ion MobileMark 2018: 15.5 hr Video playback: 24.5 hr JEITA 2.0: 28.5 hr
AC Adapter		65W (New, Small size) 2-pole with external 2m USB-C to USB-C 5A cable, Black (Wall-mount: 'I' type, for US)	65W (New, Small size) 2-pole with external 2m USB-C to USB-C 5A cable, Black (Wall-mount: 'I' type, for US)	65W (New, Small size) 2-pole with external 2m USB-C to USB-C 5A cable, Black (Wall-mount: 'I' type, for US)
Buttons		Power button without Fingerprint	Power button without Fingerprint	Power button without Fingerprint
LED Indicators		Power, Charging, Caps Lock, webcam	Power, Charging, Caps Lock, webcam	Power, Charging, Caps Lock, webcam
Dimensions		312 x 213.9 x 16.8 mm 12.28 x 8.42 x 0.66 in.	312 x 213.9 x 16.8 mm 12.28 x 8.42 x 0.66 in.	312 x 213.9 x 16.8 mm 12.28 x 8.42 x 0.66 in.
Shipping Dimensions		432 x 262 x 60 mm 17.1 x 10.4 x 2.4 in.	432 x 262 x 60 mm 17.1 x 10.4 x 2.4 in.	432 x 262 x 60 mm 17.1 x 10.4 x 2.4 in.
Weight		999 g 2.2 lbs.	999 g 2.2 lbs.	999 g 2.2 lbs.
Shipping Weight		1.9 kg 4.2 lbs.	1.9 kg 4.2 lbs.	1.9 kg 4.2 lbs.
Color		Obsidian Black	Obsidian Black	Obsidian Black
Preinstalled Software		LG On Screen Display 3 Microsoft 365 (30 Days Trial) Dolby Atmos Intel® Unison McAfee Live Safe (30 Days Trial) Intel® Connectivity Performance Suite LG Smart Assistant 2.0 ( Add feature : LG Cleaning Helper, LG Hotkey Extension) LG PC Manuals LG Update & Recovery LG Glance by Mirametrix® PCmover Professional New Wall paper LG Lively Theme (Wall-paper/ icon) LG Display Extension LG Security Guard Sync on Mobile	LG On Screen Display 3 Microsoft 365 (30 Days Trial) Dolby Atmos Intel® Unison McAfee Live Safe (30 Days Trial) Intel® Connectivity Performance Suite LG Smart Assistant 2.0 ( Add feature : LG Cleaning Helper, LG Hotkey Extension) LG PC Manuals LG Update & Recovery LG Glance by Mirametrix® PCmover Professional New Wall paper LG Lively Theme (Wall-paper/ icon) LG Display Extension LG Security Guard Sync on Mobile	LG On Screen Display 3 Microsoft 365 (30 Days Trial) Dolby Atmos Intel® Unison McAfee Live Safe (30 Days Trial) Intel® Connectivity Performance Suite LG Smart Assistant 2.0 ( Add feature : LG Cleaning Helper, LG Hotkey Extension) LG PC Manuals LG Update & Recovery LG Glance by Mirametrix® PCmover Professional New Wall paper LG Lively Theme (Wall-paper/ icon) LG Display Extension LG Security Guard Sync on Mobile
Warranty		3 Year Limited	3 Year Limited	3 Year Limited

\*Specifications are subject to change without notice, so please reach LG salesteam to ensure before ordering.

\*\*MobileMark® 2018 standard. Battery life will vary from specifications depending on model, setup configuration, applications used, features utilized and power management settings.

# LG gram 14Z90R Series Standard

		14Z90R-N.APB7U1	14Z90R-N.APC5U1	14Z90R-N.APC3U1
Processor		i7-1360P 13th Gen Intel® Core™ Processor with 12 Cores (4P+8E) 4 Performance Cores @ 2.2 GHz with turbo up to 5.0 GHz 8 Efficient Cores @ 1.6 GHz with turbo up to 3.7 GHz 18 MB Intel Smart Cache	i5-1340P 13th Gen Intel® Core™ Processor with 12 Cores (4P+8E) 4 Performance Cores @ 1.9 GHz with turbo up to 4.6 GHz 8 Efficient Cores @ 1.4 GHz with turbo up to 3.4 GHz 12 MB Intel Smart Cache	i5-1340P 13th Gen Intel® Core™ Processor with 12 Cores (4P+8E) 4 Performance Cores @ 1.9 GHz with turbo up to 4.6 GHz 8 Efficient Cores @ 1.4 GHz with turbo up to 3.4 GHz 12 MB Intel Smart Cache
Operation System		Windows 11 Pro	Windows 11 Pro	Windows 11 Pro
Intel vPro®		NO	NO	NO
System Memory		16GB LPDDR5 (Dual Channel, 6000MHz)	8GB LPDDR5 (Dual Channel, 6000MHz)	8GB LPDDR5 (Dual Channel, 6000MHz)
Storage	SSD	1TB NVMe Gen4 M.2(2280) Dual SSD slots	512GB NVMe Gen4 M.2(2280) Dual SSD slots	256GB NVMe Gen4 M.2(2280) Dual SSD slots
Display	Diagonal	14 in. 35.5 cm	14 in. 35.5 cm	14 in. 35.5 cm
	Resolution	WUXGA (1920 x 1200)	WUXGA (1920 x 1200)	WUXGA (1920 x 1200)
	Ratio	16:10	16:10	16:10
	Panel Type	IPS Non Touch	IPS Non Touch	IPS Non Touch
	Refresh Rate	60Hz	60Hz	60Hz
	Brightness	350 nits	350 nits	350 nits
	Color gamut	DCI-P3 99% (Typical, min 95%)	DCI-P3 99% (Typical, min 95%)	DCI-P3 99% (Typical, min 95%)
Graphics		Intel Iris Xe Graphics	Intel Iris Xe Graphics	Intel Iris Xe Graphics
Wireless		Intel® Wireless-AX211 (802.11ax, 2x2, Dual Band, BT Combo)	Intel® Wireless-AX211 (802.11ax, 2x2, Dual Band, BT Combo)	Intel® Wireless-AX211 (802.11ax, 2x2, Dual Band, BT Combo)
Bluetooth		BT 5.1	BT 5.1	BT 5.1
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)
Sound Effect		HD Audio with Dolby Atmos	HD Audio with Dolby Atmos	HD Audio with Dolby Atmos
Speakers		1.5W x 2 Stereo Speakers	1.5W x 2 Stereo Speakers	1.5W x 2 Stereo Speakers
Security		SSD Security, fTPM/HW TPM(Option), Slim Kensington lock	SSD Security, fTPM/HW TPM(Option), Slim Kensington lock	SSD Security, fTPM/HW TPM(Option), Slim Kensington lock
Input Devices	Keyboard	Full Size 79-Key Backlit Keyboard	Full Size 79-Key Backlit Keyboard	Full Size 79-Key Backlit Keyboard
	Pointing Device	Precision Touch Pad with Scroll and Gesture Functions (111.6 x 69.6 mm)	Precision Touch Pad with Scroll and Gesture Functions (111.6 x 69.6 mm)	Precision Touch Pad with Scroll and Gesture Functions (111.6 x 69.6 mm)
Memory Card		Micro SD	Micro SD	Micro SD
Connectivity	Headphone Out	4-Pole 3.5mm Headset Jack	4-Pole 3.5mm Headset Jack	4-Pole 3.5mm Headset Jack
	USB Type A	USB 3.2 Gen2x1 (x2)	USB 3.2 Gen2x1 (x2)	USB 3.2 Gen2x1 (x2)
	USB Type C	USB 4 Gen3x2 Type C (x2) with USB PD, Display Port, Thunderbolt 4	USB 4 Gen3x2 Type C (x2) with USB PD, Display Port, Thunderbolt 4	USB 4 Gen3x2 Type C (x2) with USB PD, Display Port, Thunderbolt 4
	HDMI	HDMI	HDMI	HDMI
Battery		72 Wh Li-Ion MobileMark 2018: 15.5 hr Video playback: 24.5 hr JEITA 2.0: 28.5 hr	72 Wh Li-Ion MobileMark 2018: 15.5 hr Video playback: 24.5 hr JEITA 2.0: 28.5 hr	72 Wh Li-Ion MobileMark 2018: 15.5 hr Video playback: 24.5 hr JEITA 2.0: 28.5 hr
AC Adapter		65W (New, Small size) 2-pole with external 2m USB-C to USB-C 5A cable, Black (Wall-mount: 'I' type, for US)	65W (New, Small size) 2-pole with external 2m USB-C to USB-C 5A cable, Black (Wall-mount: 'I' type, for US)	65W (New, Small size) 2-pole with external 2m USB-C to USB-C 5A cable, Black (Wall-mount: 'I' type, for US)
Buttons		Power button without Fingerprint	Power button without Fingerprint	Power button without Fingerprint
LED Indicators		Power, Charging, Caps Lock, webcam	Power, Charging, Caps Lock, webcam	Power, Charging, Caps Lock, webcam
Dimensions		312 x 213.9 x 16.8 mm 12.28 x 8.42 x 0.66 in.	312 x 213.9 x 16.8 mm 12.28 x 8.42 x 0.66 in.	312 x 213.9 x 16.8 mm 12.28 x 8.42 x 0.66 in.
Shipping Dimensions		432 x 262 x 60 mm 17.1 x 10.4 x 2.4 in.	432 x 262 x 60 mm 17.1 x 10.4 x 2.4 in.	432 x 262 x 60 mm 17.1 x 10.4 x 2.4 in.
Weight		999 g 2.2 lbs.	999 g 2.2 lbs.	999 g 2.2 lbs.
Shipping Weight		1.9 kg 4.2 lbs.	1.9 kg 4.2 lbs.	1.9 kg 4.2 lbs.
Color		Obsidian Black	Charcoal gray	Charcoal gray
Preinstalled Software		LG On Screen Display 3 Microsoft 365 (30 Days Trial) Dolby Atmos Intel® Unison McAfee Live Safe (30 Days Trial) Intel® Connectivity Performance Suite LG Smart Assistant 2.0 ( Add feature : LG Cleaning Helper, LG Hotkey Extension) LG PC Manuals LG Update & Recovery LG Glance by Mirametrix® PCmover Professional New Wall paper LG Lively Theme (Wall-paper/ icon) LG Display Extension LG Security Guard Sync on Mobile	LG On Screen Display 3 Microsoft 365 (30 Days Trial) Dolby Atmos Intel® Unison McAfee Live Safe (30 Days Trial) Intel® Connectivity Performance Suite LG Smart Assistant 2.0 ( Add feature : LG Cleaning Helper, LG Hotkey Extension) LG PC Manuals LG Update & Recovery LG Glance by Mirametrix® PCmover Professional New Wall paper LG Lively Theme (Wall-paper/ icon) LG Display Extension LG Security Guard Sync on Mobile	LG On Screen Display 3 Microsoft 365 (30 Days Trial) Dolby Atmos Intel® Unison McAfee Live Safe (30 Days Trial) Intel® Connectivity Performance Suite LG Smart Assistant 2.0 ( Add feature : LG Cleaning Helper, LG Hotkey Extension) LG PC Manuals LG Update & Recovery LG Glance by Mirametrix® PCmover Professional New Wall paper LG Lively Theme (Wall-paper/ icon) LG Display Extension LG Security Guard Sync on Mobile
Warranty		3 Year Limited	3 Year Limited	3 Year Limited

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# LG gram 14Z90R Series Standard

## 14Z90R-Q.APB4U1

## 14Z90R-N.APC4U1

Processor		i5-1350P 13th Gen Intel® Core™ Processor with 12 Cores (4P+8E) 4 Performance Cores @ 1.9 GHz with turbo up to 4.6 GHz 8 Efficient Cores @ 1.4 GHz with turbo up to 3.4 GHz 12 MB Intel Smart Cache	i5-1340P 13th Gen Intel® Core™ Processor with 12 Cores (4P+8E) 4 Performance Cores @ 1.9 GHz with turbo up to 4.6 GHz 8 Efficient Cores @ 1.4 GHz with turbo up to 3.4 GHz 12 MB Intel Smart Cache
Operation System		Windows 11 Pro	Windows 11 Pro
Intel vPro®		YES	NO
System Memory		16GB LPDDR5 (Dual Channel, 6000MHz)	16GB LPDDR5 (Dual Channel, 6000MHz)
Storage	SSD	256GB NVMe Gen4 M.2(2280) Dual SSD slots	256GB NVMe Gen4 M.2(2280) Dual SSD slots
Display	Diagonal	14 in. 35.5 cm	14 in. 35.5 cm
	Resolution	WUXGA (1920 x 1200)	WUXGA (1920 x 1200)
	Ratio	16:10	16:10
	Panel Type	IPS Non Touch	IPS Non Touch
	Refresh Rate	60Hz	60Hz
	Brightness	350 nits	350 nits
	Color gamut	DCI-P3 99% (Typical, min 95%)	DCI-P3 99% (Typical, min 95%)
Graphics		Intel Iris Xe Graphics	Intel Iris Xe Graphics
Wireless		Intel® Wireless-AX211 (802.11ax, 2x2, Dual Band, BT Combo)	Intel® Wireless-AX211 (802.11ax, 2x2, Dual Band, BT Combo)
Bluetooth		BT 5.1	BT 5.1
Webcam		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
Speakers		1.5W x 2 Stereo Speakers	1.5W x 2 Stereo Speakers
Security		SSD Security, FTPM/HW TPM, Slim Kensington lock	SSD Security, FTPM/HW TPM, Slim Kensington lock
Input Devices	Keyboard	Full Size 79-Key Backlit Keyboard	Full Size 79-Key Backlit Keyboard
	Pointing Device	Precision Touch Pad w/ Scroll and Gesture Function (size: 111.6 x 69.6mm)	Precision Touch Pad w/ Scroll and Gesture Function (size: 111.6 x 69.6mm)
Memory Card		Micro SD	Micro SD
Connectivity	Headphone Out	4-Pole 3.5mm Headset Jack	4-Pole 3.5mm Headset Jack
	USB Type A	USB 3.2 Gen2x1 (x2)	USB 3.2 Gen2x1 (x2)
	USB Type C	USB 4 Gen3x2 Type C (x2, with USB PD, Display Port, Thunderbolt 4)	USB 4 Gen3x2 Type C (x2, with USB PD, Display Port, Thunderbolt 4)
	HDMI	HDMI	HDMI
Battery		72 Wh Li-Ion MobileMark 2018: 15.5 hr Video playback: 24.5 hr	72 Wh Li-Ion MobileMark 2018: 15.5 hr Video playback: 24.5 hr
AC Adapter		65W (New, Small size) 2pole with external C to C 2m/5A cable, White/Black (Wall-mount 'I' type, for US/CA/JP/TW)	65W (New, Small size) 2pole with external C to C 2m/5A cable, White/Black (Wall-mount 'I' type, for US/CA/JP/TW)
Buttons		Power button without Fingerprint	Power button without Fingerprint
LED Indicators		Power, Charging, Caps Lock, webcam	Power, Charging, Caps Lock, webcam
Dimensions		312 x 213.9 x 16.8 mm 12.28 x 8.42 x 0.66 in.	312 x 213.9 x 16.8 mm 12.28 x 8.42 x 0.66 in.
Shipping Dimensions		432 x 262 x 60 mm 17.1 x 10.4 x 2.4 in.	432 x 262 x 60 mm 17.1 x 10.4 x 2.4 in.
Weight		999 g 2.2 lbs.	999 g 2.2 lbs.
Shipping Weight		1.9 kg 4.2 lbs.	1.9 kg 4.2 lbs.
Color		Obsidian Black	Charcoal gray
Preinstalled Software		LG On Screen Display 3 Microsoft 365 (30 Days Trial) Dolby Atmos Intel® Unison McAfee Live Safe (30 Days Trial) Intel® Connectivity Performance Suite LG Smart Assistant 2.0 ( Add feature : LG Cleaning Helper, LG Hotkey Extension) LG PC Manuals LG Update & Recovery LG Glance by Mirametrix® PCmover Professional New Wall paper LG Lively Theme (Wall-paper/ icon) LG Display Extension LG Security Guard Sync on Mobile	LG On Screen Display 3 Microsoft 365 (30 Days Trial) Dolby Atmos Intel® Unison McAfee Live Safe (30 Days Trial) Intel® Connectivity Performance Suite LG Smart Assistant 2.0 ( Add feature : LG Cleaning Helper, LG Hotkey Extension) LG PC Manuals LG Update & Recovery LG Glance by Mirametrix® PCmover Professional New Wall paper LG Lively Theme (Wall-paper/ icon) LG Display Extension LG Security Guard Sync on Mobile
Warranty		3 Year Limited	3 Year Limited

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\*\*MobileMark® 2018 standard. Battery life will vary from specifications depending on model, setup configuration, applications used, features utilized and power management settings.

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